The Complete *AMIGA* Reference

AC's GUIDE To The Commodore AMIGA

Winter '94
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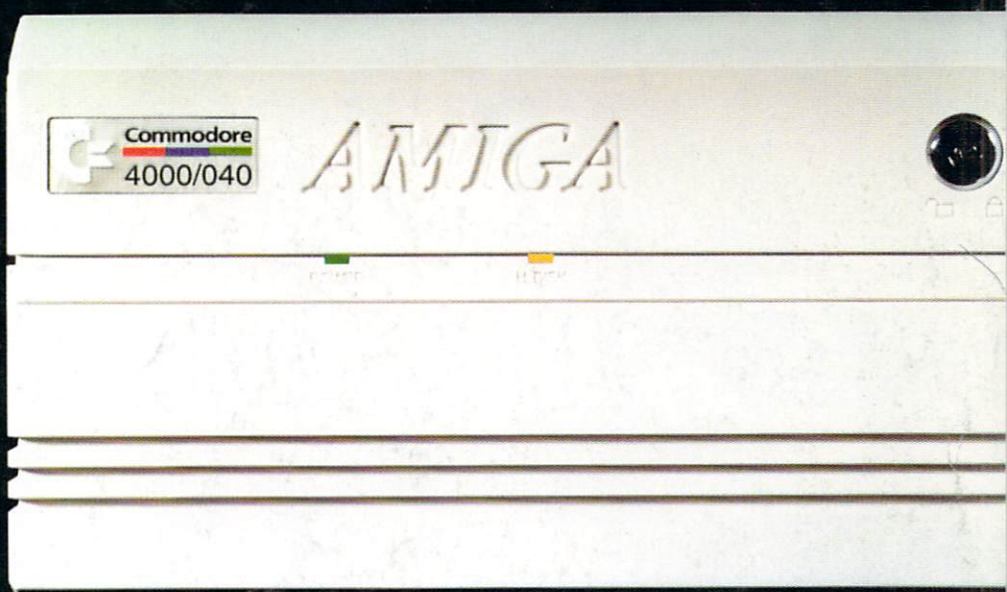

The GUIDE for every Amiga user!

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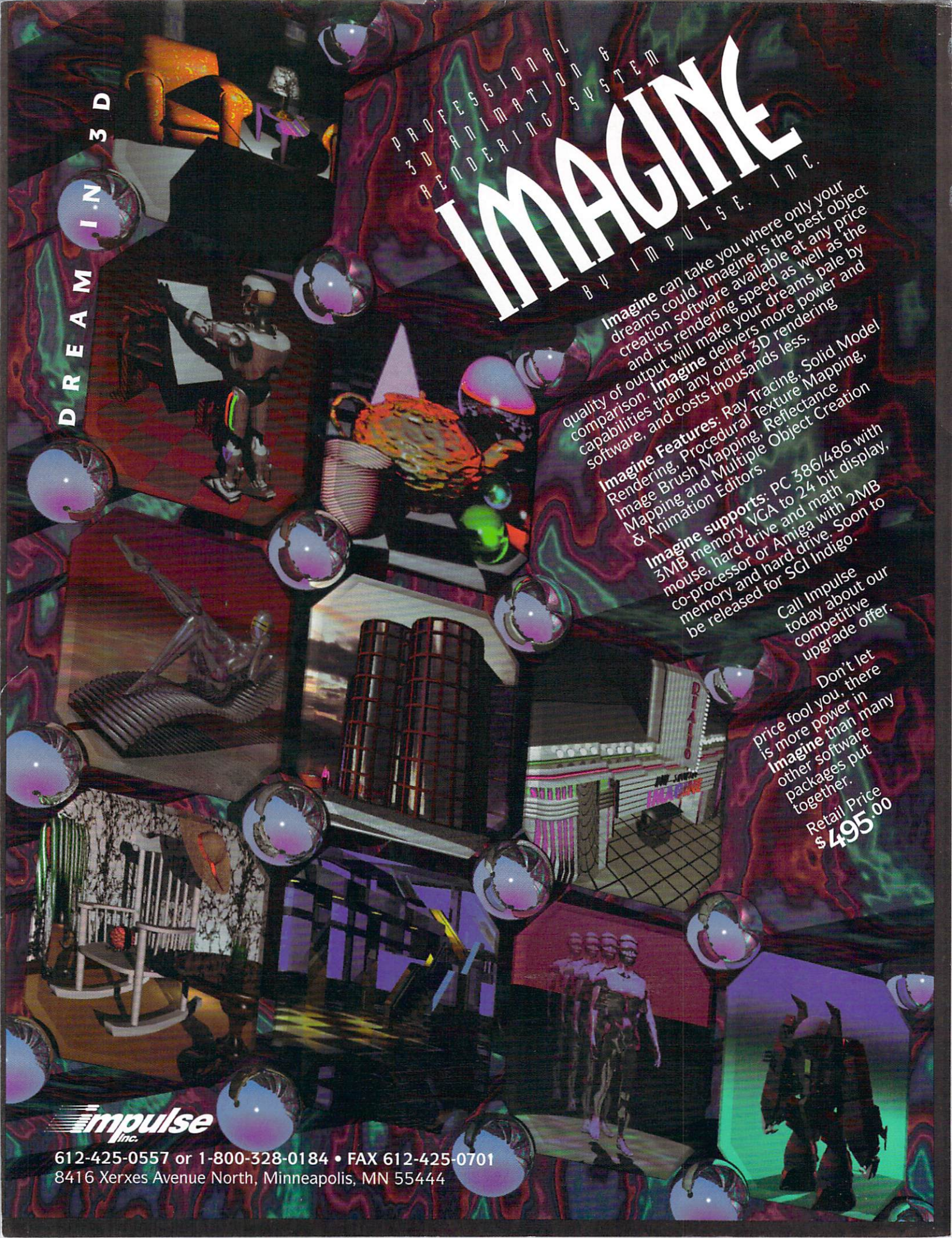
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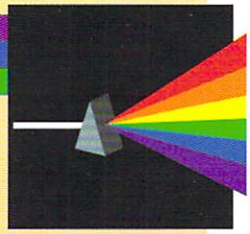

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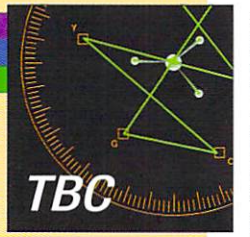

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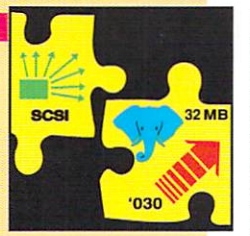

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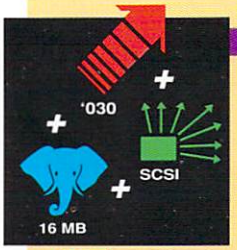

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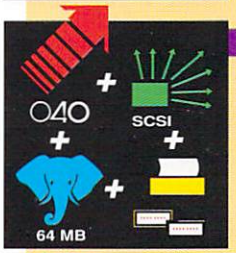

4008 SCSI II™

Bring the world of SCSI within your reach with this easy-to-install board. Instantly gain access to thousands of peripherals such as hard drives, SyQuest removable media and CD-ROMs. Add up to 7 devices to your Amiga 4000 and smile. As a leader in Amiga peripheral technology since 1988, we still maintain support for A2000 owners too, even providing 8MB of RAM expansion on the card. Advanced surface-mount technology allows any user to mount a 3.5" drive directly to the card, providing for maximum convenience. Get the GVP SCSI difference!

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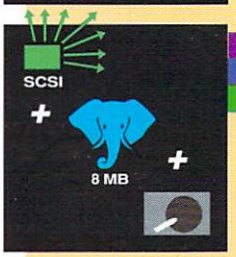

ioExtender™

Feeling trapped? Let GVP extend your horizons with our easy-to-use **ioExtender**. Contained on a single card, you will find an additional parallel port, allowing you to connect a printer and a digitizer (such as DSS8+) at the same time. No more messy, unreliable switch boxes! We include two, that's right, two high-speed, FIFO buffered serial ports. No more dropped data or bogged-down computers when transferring data via modem (at speeds in excess of 57,600!). Free your ports and regain performance on your Amiga with **ioExtender**!

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A500
A600
A1200
A2000
A3000
A4000

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3-Stage multi-functional muscle power for the Amiga 1200 32-Bit RAM expansion, High-speed DMA SCSI Interface optional FPU

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1084 ADAPTER.....$24

Internal for the A2000, 3000, AND 4000. $429

New External for 500, 600, 1200 $479

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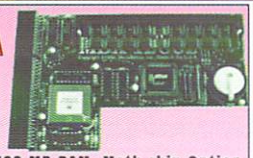

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50 MHz 68030 w/MMU
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24 Bit Graphic Card

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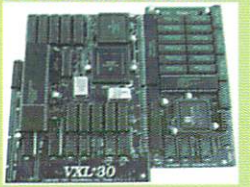

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Up to 128K RAM

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Up to 8000 x 8000 pixel resolution. Direct support for single frame controllers. 3D Studio and Wavefront file compatible. Animatable, Deformations. IFF 24 output, and much more.

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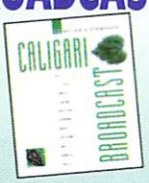

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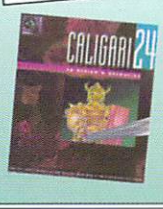

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MONTAGE for 2.0, 3.0 & Toaster 4000! The First high end titling application to directly support the Toaster **$349**

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VideoStage Pro™

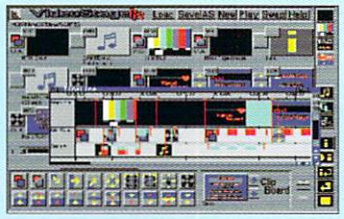
TITLING, SOUND SYNCHING, DAZZLING TRANSITIONS

VideoStage Pro offers an innovative, intuitive approach to titling videos, creating transitions between video or graphic segments and sound synching. Individual characters or whole lines of text or objects can be flown on to the screen. Automatic detection for"hot Colors" in both NTSC and PAL prevents bleeding colors. Gradient backdrops, gradient text and transparency options adds to the polished appearance of output. The Story Board builds shows by clicking on event icons. A time line graphic represents the duration of events such as sound and transitions. VideoStage Pro offers over 60 built- in transitions available for use with a click of the mouse. Play Control indexes can be selected with the mouse to create play loops and "Hot Spots" allow for fully interactive on-screen presentations such as kiosks, training,etc. Titles can utilize all Amiga fonts including color fonts and Compugraphic fonts. VideoStage Pro can be remotely controlled through ARexx, modems or networks. Asynchronous control of genlocks and sound allow for quick, easy creation of videos with sound.

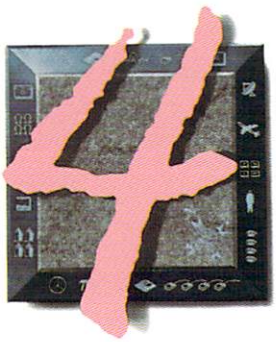
VideoStage Pro is compatible with AmigaDOS 3.0 and the new AGA chipset

VideoStage Pro List Price $179.95

Upgrades are available for Video Titler and AniMagic users from Oxxi



SBASE™ PROFESSIONAL 4



Data isn't just text and numbers anymore. The Amiga computer opened up the world of graphics and sound. SBase (formerly known as Superbase) helps you keep track of your pictures, sound files and anims so you can readily retrieve them or harness them for creative applications.

With use of graphic files - you can create a database of inventory not just by part number but by a graphic image as well.

Sound samples can be added to impart special directions or simply to help you tie in pictures and sounds used on a project.

SBase's full relational capabilities and intuitive interface makes it one of the most powerful database's on any platform. Capacities of database files and indexes are limited only by disk storage and your creativity.

Version 1.3 of SBase adds compatibility with AmigaDOS 3.0 and the new AGA chip set, use of Anim files, EPS clip art and compugraphic re-scalable fonts. The new Re-index feature gets you out of jams fast.

S/BASE™ PERSONAL

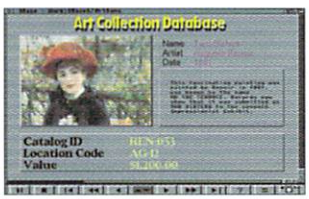
SBase Personal 4 includes a built-in text editor, mail merge, label printing, and form designer.

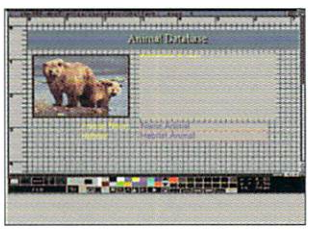
SBase Professional 4 includes all of the features of the Personal version plus adds support for ARexx and the Database Management Language (DML) for creation of custom applications.

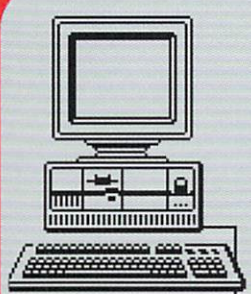
SBase 4 developer's extension is a one time license that provides the ability for applications developed with DML to run by themselves without requiring the user to use the full blown SBase Professional 4.

SBase Personal 4 - List $149.95
Sbase Professional 4 - List $299.95
SBase 4 Developers Extension $399.95

Upgrades and Updates from earlier versions of Superbase Personal and Professional are available from Oxxi - call or FAX for information





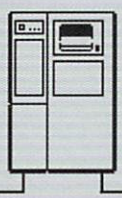


Networking with Novell Netware

AMIGA CLIENT SOFTWARE™

With Amiga Client Software (ACS), Amiga computers and Video Toaster workstations enjoy all network capabilities available to PCs and Macintoshes on Novell Networks. Amiga workstations retain their full multi-tasking and graphical environment in addition to receiving the full range of Novell Netware functions. All computers on the network can then share files and peripherals such as large hard disks and printers.

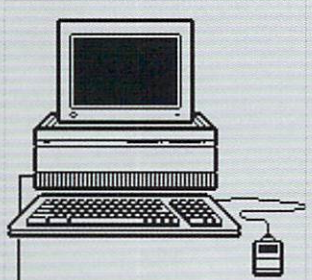
ACS allows for data integrity including record locking of shared files and flagged files. Includes utilities for backup and restoration of server from Amiga workstations and broadcasting and display of messages to either the whole network , work groups, or individual users.



Support for IPX Protocol allows applications that support IPX to communicate directly with other Amigas on the network.

ACS is priced according to the number of Amiga users on the network starting with a single user for $199 and up to 5 users for $499. For larger configurations please call.

Ethernet Cards
Oxxi is shipping Ethernet Cards that accept both co-axial and 10 Base-T. List Price $359



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PRESENTATION MASTER™

Presentation Master integrates object-orientated painting, business graphics, text handling and 3D titling all using 24 bit color and Postscript output.

Object Orientated Painting
Presentation Master's structured paint system converts all paint objects whether text, outline fonts and imported clip art into Bezier curves for detailed object editing and manipulating. Objects can be grouped and ungrouped. Automatic object tweening and morphing allows the user to alter text or clip art images.Support for Illustrator EPS clip art provides access to millions of high-quality, ready-to-use clip art images. Over 100 clip art images included on the program.

24 Bit Color and Business Charts
Create images for use with DC-TV, Digital Micronics Resolver Board and Video Toaster and other 24 -bit hardware and software. Use Master template styles provided with Presentation Master or create your own templates for professional quality output. Includes two disks of backdrops as well.

Standalone Shows
Any shows can be converted into self-running presentations complete with on screen "hot spots" for audience interactive presentations.
List Price: $299.95
Updates from earlier versions available from Oxxi

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♦ New Product Listing
❷ AmigaDOS release 2 Compatible *(Vendor Verified)*

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How to Use This Guide

The Summer 1993 edition of *AC's Guide to the Commodore Amiga* marks the steady improvement in both the size and versatility of the Amiga market. Products range from the latest games to video services.

In order to make new listings highly visible, we have highlighted each with a small diamond (◆). We've also highlighted the programs which are AmigaDOS 2.0 compatible—as reported to us by the vendor—with a small number 2 (❷). Because not all manufacturers make this known, we cannot guarantee that this is a complete listing of AmigaDOS 2.0-compatible products.

We have also added a special Consumer Alert caution to certain listings in this issue. Consumers should contact Amazing Computing for important information regarding the companies with this caution.

You will notice that we have provided a printed row of "easy finder" tabs along the edge of the pages. These tabs are extremely helpful in showing you what section you're in at any given time and where you will find other sections in the guide.

Complete indexes of products and services are listed by the name of the products or service, as well as listed by the name of the vendor. This guide features an overall category list which makes it easier to discover which category contains a particular sub-section. The last-minute addition section lists those products and services that were reported at press time.

Be sure to check out the new Catfish Freely Redistributable Software Category Listings. Now it's easier than ever to find that FRS file.

It Keeps Getting Even Better. . .

As always, your feedback is constantly improving this guide is greatly appreciated. If you have any suggestions, please contact us by writing to:

AC's GUIDE
c/o PiM Publications
P.O. Box 2140
Fall River, MA 02722-2140

We spend hundreds of hours, mailing thousands of letters, making and receiving an incredible number of phone calls, and creating miles of faxes to ascertain the accuracy of our information. If you do discover an error, please send a letter to the above address. Depending on the nature of the error and degree of urgency, we'll either report it immediately in *Amazing Computing* or make changes in the next publication of this guide.

If you are a vendor and have not registered your product or service, we need to hear from you as soon as possible. There is a special Vendor/Product Registration in the back of the book. Please complete it and fax or mail it immediately. It's always possible to have your new product or service mentioned in an upcoming issue of *Amazing Computing*. However, the only way to be certain that you are in the next issue of *AC's GUIDE to the Commodore Amiga* is to keep us informed.

Once again, thank you for your support and participation. It is through your continued enthusiasm that the Amiga has attained the recognition it enjoys today.

AC's GUIDE AMIGA
AC's GUIDE for the Commodore Amiga

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Graphic Arts

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Aegis Amiga Graphics Starter Kit
A bundle of four of the original ground-breaking software packages for the Amiga! Perfect for the Amiga beginner, this package includes Aegis Images paint program, Aegis Animator for 2-D animation, Aegis Draw for an introduction to CAD and Aegis ArtPak, a collection of clip art by Jim Sachs and Richard Labarre! Arazok's Tomb, an exciting graphic adventure with more art by Jim Sachs, is included free! $99.95
Oxxi, Inc., P.O. Box 90309, Long Beach, CA 90809-0309, (310) 427-1227
Please see display ad insert.

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Approximatly 600 Megs of beautiful 2-D animations are include on this CD from our remarkable Artist/Animator. These ANIMs will add new life to your Special Event videos. Collection includes floral motifs for your Intros, Cocktail Hour ANIMs, Heart Designs, Twinkling Stars, Confetti, Balloons, Stained Glass Windows, Star of David, and more. Animations may be personalized with your clients names, then recorded on videotape. All animations were created in Hi Res 8 or 16 color modes and may be played back on any Amiga using your favorite paint programn or an Amiga ANIM player. Amiga CD player is required. Animation sampler demo tape is available in VHS format for $15. $129.95
Mr. Hardware Computers, P.O. Box 148, C.I., NY 11722, (516) 234-8110

Art Disks for Fashion
Various art disks available relating to garment and fashion design. Examples: Fashion Poses-Men, Women, or Children, $20 each or $45 per set. Paper Dolls-Men, Women, or Children, $20 each or $45 per set. Gridded Heart Designs, Gridded Ethnic Motifs, $15 each. NTSC. Works on all Amigas in IFF file format.
Cochenille Design Studio , P.O. Box 4276, Encinitas, CA 92023

❷ **Art Expression**
Art Expression is a full-featured outline illustration program. Allows artists and graphic designers to create complex, artistic illustrations that can be scaled and used at any size without quality loss. Support for Adobe Type 1 outline fonts. Two objects can be blended together; color and line styles also blended. Groups/Ungroups, Locks/Unlocks, flips and aligns objects and groups of objects. Rotates objects directly on the page visually or by numeric entry in 1-degree increments. Autotracing of images from one to 24 planes, inside the program. Import EPS, Aegis Draw, Adobe Illustrator, and IFF DR2D format files. Fully compatible with all Amigas with 1MB of RAM or more, and AmigaDOS 1.3/2.0. $249.95
Soft-Logik Publishing Corporation, 11131 S. Towne Sq. Ste. F, St. Louis, MO 63123, (314) 894-8608

◆ **Artwork Clip Art Collection**
One of the finest collections of clip art ever released on the Amiga. Over 1500 images are included in categories such as dinasaurs, wild animatls, trees, pets, and more. Call for more information. $49.95
Visual Inspirations, 809 W. Hollywood, Tampa, FL 33604, (813) 935-6410

◆ **AutoPaint**
25 Screen Templates that automatically composite pictures using framestores and 24-bit RGB's or IFF's in Toaster Paint. AutoPaint controls Toaster Paint and will shrink and place your pictures where you want them. This program has a simple point and click interface with 3 levels of adjustable auto beveling and drop shadows. Help has arrived - What took hours now only takes minutes. VHS demo tape $5.00 Requires Toaster and 8 Megs of RAM. $149.00
A+ Development, 7970 S. Madison Ave., Burr Ridge, IL 60521, (708) 654-0321

Cyclemuscles for Imagine
Two high-quality cartoon-like body builder objects for Imagine. Both come with a run cycle and a walk cycle. 4-Disk set, including 24-bit sample images. $159.00
Spectronics International U.S.A., Inc., 34 East Main St. #3, Champaign, IL 61820, (217) 352-0061

◆ **Cyclemuscles for LightWave**
Two high-quality cartoon-like body builder objects for LightWave. Both come with a run and walk motion path. 40Disk set, including 24-bit sample images. $199.00
Spectronics International U.S.A., Inc., 34 East Main St. #3, Champaign, IL 61820, (217) 352-0061

Digital Dungeon
Designed to replace maps and lead figures in the gaming role-playing environment. Uses 64-color digitized graphics models of terrain, objects, and entities from the past, present, and future. Has been optimized for speed and functionality; all operation are so fast that user interface is nearly transparent. Features include: editable information windows, random die generator (with pipelines for results), scene editor, general initiative system, Quickdir directory system, virtual window, and SEVEN disks of digitized art. Additional graphics disks and pre-constructed popular gaming modules are planned. NTSC/PAL. Works with Kickstart 1.3 and higher. Hard drive installable. Requires 1MB RAM. 1MB chip RAM and 1.5MB total RAM recommended. $49.95
Magic Matrix, Station A, P.O. Box 2406, Champaign, IL 61825-2406

Digital Dungeon Expansion Set 1: Future Days
The first of many planned expansion graphic sets for Digital Dungeon. Future Days brings two full disks of futuristic characters, robots, computers, machines, reliefs, and other graphics to the Digital Dungeon environment. A very necessary expansion for those planning to run a campaign based in the future. $14.95
Magic Matrix, Station A, P.O. Box 2406, Champaign, IL 61825-2406

◆ **DynaCADD 2D**
This version is the 2D portion of Ditek's powerful 2D/3D Computer Aided Design and Drafting solution that has been on the market for the past two years. DynaCADD 2D will include both a 68000 and a 680X0 version. Features such as online help, context-sensitive documentation and a well organized and intuitive graphical user interface make DynaCADD 2D extremely easy to learn and use. $269.00
Ditek International, 2800 John St., Unit 15, Markham, Ontario, Canada L3R 0E2, (416) 479-1990

❷ **Expert 4D jr**
A 3-D modeling and animation package offering 2-D to 3-D creation of pre-formed primitive shapes on which to base more complex drawings. Full control over perspective and 'camera' position, and up to 10 lamps of different color, aperture, and intensity. Separate rendering module. NTSC/PAL compatible. Requires 1MB RAM for all Amigas. AmigaDOS 1.3 or 2.0 compatible. $79.00
Genisoft, Unit 3 Poyle 14, Newlands Drive, Colnbrook, Berks SL3 0DX, England, (011) 4475-368-6000

Genesis The Third Day
This fractal landscape generator allows you to create landscapes of real locations, using authentic government data, or imaginary locations by using an easy-to-use interface. You have complete control over every aspect of this powerful creative tool. Features include landscapes of incredible complexity, control over all fractal parameters, animation capabilities through script commands for drawing a series of pictures using keyframes, placement of the observer view point anywhere in the 3-D space around the landscape, and five draw modes. Colors are adjustable for each landscape element even after the picture is drawn. Pictures are stored as standard IFF files, low-res, hi-res, HAM, and soon in true 24-bit. ARexx compatible, with special ARexx macros included. $149.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Graphics Workshop V1.01
Features include a 10-brush library, gray scaling, line art generation, true anti-aliasing, true polygon generation (3-22 sides), rays, four point curves, brush masking, color replacing, rub-thru drawing, pattern library with pattern draw, automatic normal, and halfbrite shadows. Supports standard page animation, and cell animation. Using the powerful Page-Effects window, page animation integrated the brush library with 3-D persepctive to allow 10-brush synchonization and timing with rotation, movement, acceleration, and fading. Other features include gradient fill, wrapping, variable speed air brush, two types of stenciling, and 3-D perspective. The upgrade, version 1.01 corrects several software bugs, improves performance, and adds several new commands. Version 1.01 is quicker and more stable than version 1.0. $100.00
Holosoft Technologies, 1637 East Valley Parkway, Ste. 172, Escondido, CA 92027, (619) 747-0663

Helm
Both an authoring system and a powerful graphics program. Combines draw, paint, and image processing tools with a scripting language, hypermedia database manager, and rich assortment of user interface objects. Create programs by drawing and programming objects (buttons, charts, image and test fields, etc.) on the pages of an interactive book. Imports sound (8SVX), music (SMUS), images (IFF-ILBM), and animations (ANIM-5) directly into book. Supports Amiga clipboard, visual effects, PostScript, and ECS. Create custom image editors, information mamagers, presentations, kiosks, databases, educational courseware. $189.00
Eagle Tree Software, P. O. Box 164, Hopewell, VA 23860, (804) 452-0623

Ilene's Color Cookbook
This is a utility to assist in making color printouts. It contains 32 color lo-res files of color charts with RGB settings. These can be printed out on any Amiga supported color printer. For use as a guide in approximating colors on the monitor or other specific color samples. Just load into the paint program you print from. $29.95
Tru-Image, P. O. Box 660, Cooper Station, New York, NY 10276, (212) 777-7609

❷ **Mandala**
This is a string art construction set. Tired of working three or four days pounding nails into boards and wrapping umpteen layers of thread around them? Mandala lets you design three basic shapes: circle, ellipse, and starburst; select and string up to 47 layers; alter the palette to select wanted colors; and save that newly created masterpiece as an IFF file for later viewing when you may feel like actually pounding nails and creating it. AmigaDOS 2.0 compatible. $19.95
SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

Materials Texture Library Vol.I-Stone Surfaces
A five-disk set of 15 high-quality stone textures suitable for 3-D image wrapping, video, and art use. Each color image measures 704 x 480 pixels in HAM mode and is directly compatible with Imagine, Lightwave 3-D, Real 3-D, and Turbo Silver. Included are several types of marble, pebbled surfaces, and asphalt. Computer art and animation takes on a stunningly realistic look when these textures are used. $49.95

◆ New Product Listing
❷ AmigaDOS release 2 Compatible *(Vendor Verified)*

MicroSearch, Inc. 9000 US-59 South, Ste. 330 Houston, TX 77074 (713) 988-2819

Materials Texture Library Vol.II-Tiles
A five-disk set of 20 high-quality tile textures suitable for 3-D image wrapping, video and art use. Each color image measures 480 x 480 pixels in HAM mode and is directly compatible with Imagine, Lightwave 3-D, Real 3D, and Turbo Silver. When used in 24-bit renderings, these HAM textures are virtually indistinguishable from 24-bit versions and don't have the storage and RAM problems found with 24-bit files. $49.95
MicroSearch, Inc. 9000 US-59 South, Ste. 330 Houston, TX 77074 (713) 988-2819

Materials Texture Library Vol.III-Wood Surfaces
A five-disk set of 15 high-quality wood textures suitable for 3-D image wrapping, video and art use. Each color image measures 736 x 482 pixels in HAM mode and is directly compatible with Imagine, Lightwave 3-D, Real 30D, and Turbo Silver. Many different types of wood are included, including cork, particle board, and a butcher block finish. This is a realistic collection of wood surfaces available for the Amiga. $49.95
MicroSearch, Inc. 9000 US-59 South, Ste. 330 Houston, TX 77074 (713) 988-2819

Natures Backdrop
Natures Backdroop is a series of 24-bit textures for the Video Toaster. Each volume of the six-volume series includes 12 high-quality, full-screen images and a bonus brush set in Frame Store format for use in the Switcher, ToasterPaint, CG, and LightWave 3D. With this format, there is no need for decompression. Use from floppy or install on hard drive. Volumes 1-3 exotic stone surfaces, Volume 4 woods, Volume 5 paper/frabrics, Volume 6 buillding materials. $49.95
Infinite Solutions, 14780 Southwest Osprey Drive, Ste 240, Beaverton, OR 97007, (503) 641-2734

◆ **PI-PICT Loader and Saver**
These public interface modules allow Black Belt's ImageMaster image processing program to load and save the Macintosh's 'PICT' bitmap image file format. The PI-PICT Loader understands PICT bitmaps of colors, from 2 colors to 24 bit. The PI-PICT Saver saves 24-bit PICT images. The package includes a Macintosh disk with tools that make it easy to transfer PICT files between the Mac and the Amiga. One tool works with Apple File Exchange to preserve desktop icons and file type information when Mac files are stored on Amiga disks. Another tool helps set the Mac file type and creator information when a PICT file is moved from the Amiga to the Macintosh. Requirements: ImageMaster from Black Belt Systems. $99.95
Syndesis, 235 South Main St., P.O. Box 65, Jefferson, WI 53549, (414) 674-5200

Principles of Composition
A computer program that teaches the fundamentals of composition and design. You're taught about color, balance, rhythm, pattern, contrast, unity, gradation, harmony, and much more. For the Amiga (there is also version for C64). Comes on 3.5-inch disks. $59.95 plus $4 S&H. Write to:
Art Instruction Software, 38 Balsam Dr, Medford, NY 11763, (516) 475-3414

Pro-Textures Combo Collection
Pro-Textures were painstakingly produced so that each edge of each image (tops, bottoms, and sides) matches against the edge opposite to it. No matter what shape or size your object is, you will never see a seam. These real world images are specifically tailored for both 3-D image wrapping and reflection mapping. Comes in both JPEG 24 and HAM formats. $99.95
Visual Inspirations, 809 W. Hollywood, Tampa, FL 33604, (813) 935-6410

◆ **Rokroot Image Maker**
The drawing/animation program designed for Rufos SGF images. Imports popular graphics formats. $30.00
RoKroot software/hardware, 5411 37th Ave. South, Seattle, WA 98118, (206) 722-6258

❷ **SpiralMaster**
A computer implementation of Kenner's Spirograph. This program allows up to 20 layers to be constructed on the screen at one time. Unique user interface allows easy setting of all relevant factors with editing and saving of finished designs in IFF format. Both inside and outside wheels may have up to 999 teeth. Up to eight user-definable colors on the screen at a time. You have to see it to believe it! AmigaDOS 2.0 compatible. $19.95
SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

◆ **The Stylus ProPak**
ProVector™ structured drawing. Major update, interface-lift adds masks, blending, skewing, mirroring, warping, perspective; Lightwave, Adobe Illustrator, HP-GL formats. Improved gradient fills, text. Suports AGA chipset; standard file, screenmode requesters; public screens, ARexx, AmigaGuide, multiple undos, layers; IFF-ILBM, PostScript, EPS, Preferences. PSImport™ module for editing PostScript. Now supports text, gradient fills, masks. StylusTracer™ module features accurate, efficient auto-tracing, image-processing, touch-up tools to prep bitmaps. Loads IFF-ILBM, TIFF, GIF. Requires 2Mb of RAM, DOS 2.04 or greater. HD recommended. $199.95
Stylus, Inc., P.O. Box 1671, Fort Collins, CO 80522, (303) 484-7321

Ultimate Rock, Stone, & Mineral Collection—Vols. 1 & 2
Digitized and image-processed images for use in 3-D rendering, paint, presentation, and desktop publishing. Image-processed selection includes stone tiles, simulated colored glass, and simulated colored chrome. All images easily scaled for use as brush or pattern fills and texture maps. Each volume contains 50 24-bit JPEG images and 24-bit JPEG thumbnail picture files for easy selection. Requires JPEG loader. $110.00
Bearded Wonder Graphics, 1866 Ocean Avenue 5C, Brooklyn, NY 11230, (718) 998-1767

Ultimate Wood Collection—Full Set and Sampler Set
Digitized wood textures for use in 3-D rendering, paint, presentation, and desktop publishing. Full Set: 48 textures, 116 images. Sampler Set: 12 textures, 29 images. All images 320 x 400 seamless HAM IFF. Plain and parquet textures in plain, polished, and rough styles. Image Finder files for easy selection. All images easily scaled for use as brush or pattern fills and texture maps. Requires Image Finder. Full Set: $180, Sampler Set: $50. 24-bit JPEG version—Full Set: 49 textures, 122 images; Sampler Set: 13 textures, 33 images. 24-bit JPEG thumbnail picturefiles for easy selection of images. Requires JPEG loader. Full Set: $220, Sampler Set: $85.
Bearded Wonder Graphics, 1866 Ocean Avenue 5C, Brooklyn, NY 11230, (718) 998-1767

Video Textures and Backgrounds
Three full disks of various textures that can be used in any IFF compatible paint program, 3-D rendering and animation programs, as fills for Fonts, or as backgrounds for video and titling. Included are many color patterns and styles of wood textures, stones, plants, interior design, and other real world items. The palettes of these images are not fixed and can be changed in any paint program if necessary. $24.95
Take Four Productions, 11396 Camarosa Circle, San Diego, CA 92126

Virtual Reality Studio 2.0
With VSR 2.0 and its additional functions and features, user will be able to more easily create worlds by using objects provided in the Clip Art Library. To make object selection easier, a full color Clip Art Catalog comes with the program. Additionally, VRS 2.0 allows for simple point and click creation of spheres. Previously, users were relegated to creating spheres by using the primatives which were provided in the program. Now, spheres are provided making VRS 2.0 the only compatible 3D design tool available in an end user price range. Once you created your environment, you can manipuylate it with the simple Freescape Control Language by applying a set of conditions to the entire world or to specific objects or areas. Objects can be defined as sensors, which can detect the presence of the user. You tell the computer how to respond to the users actions, such as opening doors for him, which he can walk through into a completely new environment and explore them from any angle down to the tiniest detail. Anything created will run independantly of the Virtual Reality Studio program. $99.95
Domark, Dist. by Accolade, 5300 Stevens Creek Blvd, San Jose, CA 95129, U.K. address in Vendor list, (415) 513-8929

◆ **Volume 1: Our National Parks**
IFF images of photographs taken in our National Parks. Available in three formats: Lo-res HAM, Hi-res HAM8 and JPEG Hi-res 24 bit IFF. Specify format desired when ordering. $20.00
Azure Computer & Photographic Services, Inc., 10002 Kirkglen Drive, Houston, TX 77089, (713) 481-4704

◆ **Volume 2: Flowers & Animals**
IFF images of photographs taken of flowers and wild animals. Available in three formats: Lo-res HAM, Hi-res HAM8 and JPEG Hi-res 24 bit IFF. Specify format when ordering. $20.00
Azure Computer & Photographic Services, Inc., 10002 Kirkglen Drive, Houston, TX 77089, (713) 481-4704

◆ **XIIR5**
XIIR5 for Amiga is a color frame buffer version of XII that supports plug in graphics cards. Requires: 2 Megs RAM, 7 Meg of HD space and AmigaDOS 2.04 or later. $395.00
GfxBase, 1881 Ellwell Drive, Milpitas, CA 95035, (408) 262-1469

❖ 3-D ❖

Aegis Modeler 3D
For use in animation programs. Provides flexible format for building your objects. Polygons used for creating objects may have any number of points. Use tools such as Flip, Merge, Lathe, and Extrude. Also included are Rotate, Translate, Scale, Mirror, Remap, and more. $99.95
Oxxi, Inc., P.O. Box 90309, Long Beach, CA 90809-0309, (310) 427-1227
Please see display ad insert.

Aegis Videoscape 3D with Pro/Motion
Real-time 3-D animation with many options and many applications. Use diffused or specular lighting on any object in multiple colors in any of four screen resolutions, including full overscan. Image may be saved as IFF image then used in Amiga paint programs. Includes library of objects and images. $199.95
Oxxi, Inc., P.O. Box 90309, Long Beach, CA 90809-0309, (310) 427-1227
Please see display ad insert.

❷ **Aladdin 4D**
Version3.0. 3-D modeling, rendering, and animation software. Single window editor with wide angle, zoom and rotation controls that allow viewing of objects from any orientation. Supports powerful modeling/animation tools, polygons of any number of points, splines, lens flares lights, paths, wave sources, and gases. Tools can also be user-written in any programming language and added to the editor. Paths can be hierarchically linked to control movement/rotation, can have unlimited number of deform levels and support instancing. Polygons support gouraud and phong shading, attribute lists and texture lists. Texture lists support IFF bitmaps, single frame anims, and procedural textures which can be shingled, projected, cylinder, or spherical mapped as normal, decal, bump, opacity, genlock, reflection and more. Animation preview mode, interruptable z-buffer redraw. Ray traced shadows. Camera mode w/ multiple targets. Saves IFF, IFF-24, DCTV, Anim OP-5, PDraw clips. Import support for Videoscape 3D and EPS files. Direct support for all Amiga modes, HAM8, DCTV, Resolver, Firecracker OpalVision and Retina. NTSC/PAL. Multitasking. Requires Math Coprocessor and 2MB min. AmigaDOS 1.3/2.0/3.0 compatible. $499.00
Adspec Programming, 467 Arch St., Salem, OH 44460, (216) 337-3325

Animatrix Modeler v1.2
3-D object modeler with user friendly virtual reality interface. Includes stereoscopic viewing option for use with supplied red-blue glasses or X-Specs (available from Haitex). Stereoscopic mode gives depth perception to greatly ease creation of human faces, hands, etc. All operations performed in perspective mode (optional non-perspecitve). Real time rotation, scaling, and translation, single and grouped point editing, edge and face subdivision, point joining, magnet, much more. Load/save objects in six formats including Imagine and LightWave. PAL option. Requires 1.5MB and one disk drive minimum. AmigaDOS 1.3/2.0 compatible. $139.95
duBois Animation, 1012 N. Chartrand Ave, #F, Edmond, OK 73034, (405) 348-4670

Caligari 24
Complete 3D modeler, photorealistic renderer and animator for designers, graphic and video artists, who need to produce first class 3D artwork. The unique interface, featuring direct manipulation of objects, 3D perspective editing and realtime response, allows for fast learning and high productivity. Free Form Deformation editing allows the user to build smooth, organic shapes quickly and easily. Single Point Editing allows the user to finely manipulate polygons. Reads Imagine, LightWave and DXF files. $199.00
Octree Software, Inc., 1955 Landings Dr, Mountain View, CA 94043, (415) 390-9600

Caligari Broadcast 3.1
Professional 3D modeler, photorealistic renderer, and broadcast-quality animator. Includes all of the functionality and same accessible interface as Caligari24. Additional features include: Animatable Deformations, Acceleration/Deceleration control in the Time-Editor, Interactive Painting, Visible Lights, Motion blur, and Field based Rendering, Smooth Divide. Broadcast is optimized for the 68040. Offers 3D Studio (ASCII) and Wavefront file compatibility. Renders up to 8000x8000 pixel resolution. Directly supports single frame controllers. $695.00
Octree Software, Inc., 1955 Landings Dr, Mountain View, CA 94043, (415) 390-9600

Design 3D
Professional quality modelling package lets you model in wire frames with six line types and 16 colors, with dithering to emulate additional colors. Four views: top, side, front, and perspective; with four light sources. Axle extrusion allows for fast modelling of symmetrical objects. Works in hi-res interlace, or non-interlace. Requires 1MB and 1 drive. $69.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

◆ **Designer 3D Systems**
LightWave 3D and Imagine modelling and animation systems featuring 24-bit color output via the NewTek Video Toaster or OpalVision boards. Complete systems, with all hardware and software installed and ready for work, including a large selection of objects, textures, and surfaces. 24-hour support just a phone call away via our BBS, with specialized international conferences for all facets of 3-D, graphics, and video. Price: $1500 and up.
IHD Global Computer Center, 205 8th St., National City, CA 91950, (619) 477-2368 BBS

MakePath 1.0
A motion-editing tool for use with all Vista or VistaPro landscapes, including those created with TerraForm. It will allow you to create complex animation sequences with a few simple mouse clicks. Sessions can be saved and restored for later editing and refinement. MakePath uses a 3-D spline-based system for path creation and editing which allows the program to have intelligence. The user has full control over the motion of the model. The program can incorporate user definable controls such as acceleration rates, control over bank, and pitch. It provides an interactivity with the user that is unattainable with key frame systems, providing almost real-time editing capabilities. Simple point-and-click interface. Order direct from VRLI. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

RayDance Ray Tracing Software
RayDance gives the artist and designer unprecedented power to create their vision in photorealistic 24-bit images. RayDance uses the ray-tracing method for optimal visual quality. A powerful, command rich, scripting language gives you pinpoint control over every aspect of your virtual world. RayDance scripts can easily create natural-looking fractal trees and terrain. Other features include true image wrapping, virtual objects that make possible scenes with millions of polygons, atmospheric haze, hierarchical object control, and importation of VideoScape format objects. Requires 1MB RAM minimum, two floppy disks, additional RAM, hard disk, and 68020/030 and 881/882 strongly recommended. $99.95
Radiance Software, 2715 Klein Road, San Jose, CA 95148, (408) 270-7420

TerraForm 2.0
TerraForm is the VistaPro Digital Elevation Model (DEM) terrain editor. With it you can modify an existing landscape or create your own. Add dams to rivers, roads climbing up mountains, put your own face on Mars. Create new and original landscapes using tools to build mountains, make craters, flatten or roughen areas, and paint elevations. Its use is limited only by your imagination. Paint by elevation on the topographic representation map, or edit on a point by point basis. New to TerraForm 2.0 are cut, undo and several types of paste. Order direct from VRLI. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

Virtual Reality Studio
Designed by Incentive Software, this program allows you to easily generate an entire 3-D world, then move smoothly from location to location while fully exploring the terrain around you from any angle. Objects can be created, copied, animated, and colored with 256 colors, and can be defined as sensors to detect the user's presence. Create your own adventure game, or design a house, car, or airplane down to the smallest detail. Create environments within others; walk or fly through an environment; look up, down, or around a corner. On-screen design lets you see the results of your actions as soon as you complete them. $89.95
Domark, Dist. by Accolade, 5300 Stevens Creek Blvd, San Jose, CA 95129, U.K. address in Vendor list, (415) 513-8929

VisionModeller 3D v1.3
Requires Workbench 2.04. Can be used with new screen modes Super HI-res Interlaced and Productivity Interlaced. A full-featured 3-D modelling program which works in conjunction with XSpecs 3-D glasses from Haitex Resources, also works with Stereo Pro glasses from MegageM. It has numerous primitive shapes including cubes, cones, spheres, and donuts, plus additional special primitives modulated donut, VanKoch snowflakes, and fractal trees. Easily create and edit points, lines, and faces. Tools allow you to extrude in any direction, spin around any axis, skin cross-sections, fillet lines, and use dynamic motion animation capability. New tools include Merge & Split objects, (2) triangle fill methods. Features read and write compatibility with Sculpt 3D/4D, Turbo Silver 3.0 and Imagine rendering programs. Read and write AutoCAD DXF files, read DXB files. Renders directly to IFF-24 files or AGA HAM8. Requires Workbench 2.04 or higher. 2 Meg memory, math coprocessor recommended. Demo disk $10. $150.00 plus S/H.
ShaderSoft, 3631 Colby S.W., Wyoming, MI 49509, (616) 531-6083

❖ 3-D/CLIP ART & OBJECTS ❖

Archi-Pro 3D
Library of 3-D objects for architecture creation, all styles and designs with a minimum memory use. Ten diskettes, scenes and objects. It can be used on most modelling and animation software programs (Sculpt Animate, Imagine, Turbo Silver, 3-D Professional, Real 3-D). Two diskettes. AmigaDOS 2.0 compatible, runs on A500, 1000, 2000, 3000. PAL and NTSC available. Requires 1MB $110.00
Leo Capricorn, 1, Residence de la Tuilerie, 94260 Fresnes, France, (011) 3314-237-1644

Cabrio
Hot rod from Citroen 15/6 traction avant convertible. Nine 3-D files with wheels, body, wind screen, headlight, and seat. It can be used on most modelling and animation software programs (Sculpt Animate, Imagine, Turbo Silver, 3-D Professional, Real 3-D). Two diskettes. AmigaDOS 2.0 compatible, runs on A500, 1000, 2000, 3000. PAL and NTSC available. Requires 1MB $45.00
Leo Capricorn, 1, Residence de la Tuilerie, 94260 Fresnes, France, (011) 3314-237-1644

Clip Art #1—Transport & Signs
This clip art can be used in all Amiga graphics programs: desktop publishers, word processors, video, art, and databases. It includes a guide to create many more images and how to use them in a variety of programs. Various sizes and styles, 800K of data=200 plus images. $30.00
Think Limited, Prudential Buildings, 46C High Street, Erdington, Birmingham, West Midlands, B23 6RH England, (011) 4421-384-4168

Clip Art #2—Human Biology
Includes Muscular/Skeletal system, the Senses, Heart, Respiration, Circulation, Teeth, Cells, Reproduction, Brain, Nervous System, Digestion, and more. Labeled drawings, unlabelled copies, size variations, drawings, schematics, processes, flow diagrams. 1.75MB of data in a two-disk set. 200+ images; images in eight shades. Can be used in all Amiga graphics-capable programs: destop publishers, word processors, video, art, databases,etc. Includes a guide to creating many more images and how to use them in a variety of programs. $45.00
Think Limited, Prudential Buildings, 46C High Street, Erdington, Birmingham, West Midlands, B23 6RH England, (011) 4421-384-4168

Clip Art #3—At Home
Everything in the home—even the kitchen sink. This clip art can be used in all Amiga graphics programs: desktop publishers, word processors, video, art, and databases. It includes a guide to create many more images and how to use them in a variety of programs. Images include plates, cups, silverware, cameras, tables, tools, lights, bookcases, and many more. 800K of data=200 plus images. Various styles and sizes. $30.00
Think Limited, Prudential Buildings, 46C High Street, Erdington, Birmingham, West Midlands, B23 6RH England, (011) 4421-384-4168

Ferrari F40
3-D object on the famous car of the 40th of the Ferrari firm. Five 3-D files on F40: Body-doors, frame, bonnet; Wind screen-front and back windshield, headlight, windows; Wheels-Ferrari rim, tires; Engine-Turbo, gear-box, silencer, radiator; Inside-steering wheel, seat, etc. It can be used on most modelling and animation software programs (Sculpt Animate, Imagine, Turbo Silver, 3-D Professional, Real 3-D). Two diskettes. AmigaDOS 2.0 compatible, runs on A500, 1000, 2000, 3000. PAL and NTSC available. Requires 1MB, more recommended.
Leo Capricorn, 1, Residence de la Tuilerie, 94260 Fresnes, France, (011) 3314-237-1644

◆ **Gothic Furniture**
Gothic Furniture, with over 40,000 polys of authentic Gothic Furniture, designed to completely furnish our new Gothic mansion. Gothic Furniture's individual pieces contain multiple surfaces for quick texture mapping and are prepositioned for quick basic layout in Epp's new Gothic Mansion. Available in LightWave and Imagine formats. We ship postage paid on all prepaid orders. Calif. residents add 7.75% sales tax. $99.00
Earthquake Productions & Publishing, 13351 Foothill Boulevard, Fontana, CA 92335, (714) 899-1800

◆ **Gothic Mansion**
EPP is now releasing over 50,000 polys in the Gothic Mansion. Our two-story plus attic mansion includes a three-story octogonal tower accessible from both floors. The tower includes a spiral staircase. The wrap-around porch contains two styles of main pilasters. Our new Gothic Mansions authentic exterior includes all trim, 4 exterior doors, 48 windows, 22 sliders that can be opened. Available in LightWave and Imagine formats. We ship postage-paid on all pre-paid orders. Calif. residents add 7.75% sales tax. $99.00
Earthquake Productions & Publishing, 13351 Foothill Boulevard, Fontana, CA 92335, (714) 899-1800

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Last Minute Additions

Male and Female
Object design disk. Objects are highly facetted for great smoothing, shading, and texture mapping. These objects are of the same number of points and faces for easy morphing in programs like LightWave, Imagine, and Draw4D Pro. Designs are very complete including hair, eyes, ears, and thumbs. Available formats include Sculpt 3D, Sculpt 4D, TurboSilver 3.0, Imagine, Videoscape 3D, Modeler 3D, Lightwave, Draw 4D, and Draw 4D Pro. $34.95
Earthquake Productions & Publishing, 13351 Foothill Boulevard, Fontana, CA 92335, (714) 899-1800

Motion & Magic
Europe's largest collection of professionally made 3-D objects. More than 1000 3-D objects from technique, biology, geography, architecture, music, space, etc. All objects available for all Amiga 3-D programs. Most have been designed for German and French video production studios. In Germany's network ARD, some objects are used regularly. PAL/NTSC. U.S. dealers welcome. Requires 2MB RAM min, depending on modeling/rendering software used, 030/040 processor recommended. US $30-45, DM 49-69.
Pictures of Oz-Medienproduktion, Hochbruecker Muehle 2-3, D-5140 Aachen, Germany, 011-49-241-151-109

Omega Face
An intelligent library for 3-D software. Omega Face is a library of 3-D objects, relative to the anatomy of the human face. It can be used on most modelling and animation software programs (Sculpt Animate, Imagine, Turbo Silver, 3-D Professional, Real 3-D). It can be used with AmigaDOS 2.0 and on A500, 1000, 2000, 3000. AL and NTSC available. Requires 1MB. $45.00
Leo Capricorn, 1, Residence de la Tuilerie, 94260 Fresnes, France, (011) 3314-237-1644

Pack Planes WW2
3-D objects on planes of the second World War. Includes: Corsair F4U-1 Chance Vought, Mustang P-51H North American, Spitfire MK V Supermarine, Messerschmitt BF 189 E, Stuka JU 87 B Junkers, Mitsubishi A6M3 Zero, Mig 42 (anticipation), SR 71 Blackbird Lockeed. Accessory: 3-D bombs, images, information, and 3-D insignia for each plane, landing gear. Twenty-two files. It can be used on most modelling and animation software programs (Sculpt Animate, Imagine, Turbo Silver, 3-D Professional, Real 3-D). Seven diskettes. AmigaDOS 2.0 compatible, runs on A500, 1000, 2000, 3000. PAL and NTSC available. Requires 1MB. $55.00
Leo Capricorn, 1, Residence de la Tuilerie, 94260 Fresnes, France, (011) 3314-237-1644

Polyhedra 1.2
Collection of objects representing the geometric solids. Includes the 5 Platonic solids, 10 prisms and anti-prisms, 13 Archimedean solids with their duals, and 5 miscellaneous polyhedra. Objects supplied in several formats: Imagine, TurboSilver, Sculpt, Caligari, LightWave, Draw4D, Geo. Reach into the past for a new, hi-tech look! $29.95
Technical Tools, 2 S 461 Cherice Drive, Warrenville, IL 60555, (708) 393-6350

Sexy Pin Up I-IV
A series of sexy 2-D clip-art for DPaint II, III, or IV. Brush of cloths, possibility of animation. Can be used on all 2-D software. AmigaDOS 2.0 compatible: PAL or NTSC available. $30.00
Leo Capricorn, 1, Residence de la Tuilerie, 94260 Fresnes, France, (011) 3314-237-1644

SpaceCraft
Space Craft object design disks. Objects are highly facetted for great smoothing, shading, and texture mapping. SpaceCraft object design disks (5 to 7 disks depending on format) include Rockets, Engines, Fins, Solar Panels, Disk Ships, Ring Ships, Pods, Frames, Tanks, Wheels, Legs, Wings, and several Space Ships ready to fly. Available formats include Sculpt, TurboSilver, Imagine, VideoScape 3D, Modeler 3D, LightWave, and Draw 4D Pro. We ship postage paid on all prepaid orders. Please allow two weeks for personal checks. Calif. residents add 7.75% sales tax. $39.95
Earthquake Productions & Publishing, 13351 Foothill Boulevard, Fontana, CA 92335, (714) 899-1800

Syndesis 3D-ROM
This is a CD-ROM containing more than 600 3-D models, all converted to formats such as LightWave, Imagine, AutoCAD DXF, 3D Studio, Wavefront, and more. The disc also includes dozens of wrappable bitmaps suitable for texture maps, in formats such as IFF, TIFF, and Targa formats. All objects and images are ready to use and free of restrictions. Format is standard ISO-9660 used by most computer platforms. $199.95
Syndesis, 235 South Main St., P.O. Box 65, Jefferson, WI 53549, (414) 674-5200

TV Objects
TV Objects is a two-disk set of 3-D object files to be used with Amiga 3-D software. TV Objects features both the sculpt, Video Scape 3D and Imagine formats in the same package, 33 objects per format. Interesting geometric shapes include, rib-balls, rib-torus, gears, spiral columns, arrays, and many more. Great for use in surrealistic raytracing, or station I.D.'s. NTSC and PAL supported. Special version including videoscape format for $59.95. Requires 1MB of RAM, plus 3-D graphics software. $19.95
Slide City, 6474 Highway 11, DeLeon Springs, FL 32130, (904) 985-1103

TexTiles Vols. I-IV
A premier collection of true-color, seamless images for use in 3-D rendering, image processing, page layout, and design packages. Requires floppy drive, 1MB; hard drive and 3+ MB recommended. $49.95
Mannikin Sceptre Graphics, Suite 258, 3208-C E. Colonial Dr, Orlando, FL 32803, (407) 644-9547

The Brownstone House
A collection of 3-D objects in Imagine 2.0 format. Recently renovated three story brownstone house comes complete with plaster walls, two fireplaces, bay window, full moldings, decorative archways. Furnished kitchen, bathroom, livingroom, diningroom, bedroom, doors and stairways. Includes furniture, appliances, capbinets, rugs, countertops, fixtures, lamps, paintings, etc. Over 100 objects in all, fully colored and textured. $49.99
ArtScope Insustries, 353 17th St., BKLYN, NY 11215, (718) 965-3492

❖ 3-D/FONTS ❖

Aegis VideoTitler 3D
Use VideoTitler 3D with or without a Genlock device to turn your Amiga into a powerful titling workstation, perfect for desktop video and graphic presentations. The program includes over 20 different font styles, including outlining, drop shadows, and color gradations. Or design your own styles in the program's 'expert mode.' To display and animate your VideoTitler screens, the presentation system, Lights!Camera!Action! has been included. Use over 40 transitions/special effects including wipes, color cycling, and dissolves with sound and animation. $159.95
Oxxi, Inc., P.O. Box 90309, Long Beach, CA 90809-0309, (310) 427-1227
Please see display ad insert.

Broadcast Fonts 3D - Master Pack #1
This package contains 9 professional-quality 3-D typefaces. Each TypeFace contains upper & lower case, numbers, and 29 punctuation symbols. Separate versions are available for users of Lightwave 3D/NewTek Video Toaster & Caligari. $150.00
Unili Graphics, 143 Lorraine Avenue, Pittsburg, CA 94565, (510) 439-1580

Broadcast Fonts 3D - Master Pack #2
This package contains 9 professional-quality 3-D typefaces. Each TypeFace contains upper & lower case, numbers, and 29 punctuation symbols. Separate versions are available for users of Lightwave 3D/NewTek Video Toaster & Caligari. $150.00
Unili Graphics, 143 Lorraine Avenue, Pittsburg, CA 94565, (510) 439-1580

Broadcast Fonts 3D - Master Pack #3
This package contains 9 professional-quality 3-D typefaces. Each TypeFace contains upper & lower case, numbers, and 29 punctuation symbols. Separate versions are available for users of Lightwave 3D/NewTek Video Toaster & Caligari. $150.00
Unili Graphics, 143 Lorraine Avenue, Pittsburg, CA 94565, (510) 439-1580

Broadcast Fonts 3D - Professional Pack #1
This package contains all 27 professional-quality 3-D typefaces from Master Packs 1, 2, and 3. Each TypeFace contains upper and lower case, numbers and 29 punctuation symbols. A complete Phrase tutorial included. Sample scene disk available. Separate versions are available for users of Lightwave 3D/NewTek Video Toaster & Caligari. $395.00
Unili Graphics, 143 Lorraine Avenue, Pittsburg, CA 94565, (510) 439-1580

Fancy 3D Fonts
Available in Sculpt-Animate Version or Turbo-Silver Version. Each version contains a two-disk set of three proportionally sized fonts called Bold, Ital, and Fanc and emulate the font sets traditionally known as Helvetica Bold, Bookman Italic, and Clarendon Medium. Each font set includes upper case, lower case, numbers (except Bold), symbols, and many international characters. Supports PAL. $79.95
Access Technologies, Inc., 11602 Crosstimber Dr., Austin, TX 78750, (512) 250-0768

Masterpiece 3D Fonts for Imagine
50 3-D fonts for Imagine. All include upper case and numbers. 48 also include lower case. Each letter a separate object. Over 3000 objects. $99.00
ARock Computer Software , P.O. Box 731, Springfield, MO 65801, (417) 866-8803

Masterpiece 3D Fonts in Interfont Format
49 fonts in Interfont Format. Using Interfont, you can quickly create text objects for 3-D programs. Converts to Videoscape, Sculpt, Aegis Draw Plus, Turbo Silver, or Pro Draw. $99.00
ARock Computer Software , P.O. Box 731, Springfield, MO 65801, (417) 866-8803

Video Clipse v1—3D FONTS
Four 3-D fonts are included in separate versions for Imagine and LightWave Toaster programs. Each font character has three user-definable surfaces (front face, back face, and side). This special design allows for multi-color attributes and diverse texture mapping possibilities. Spanish characters included. NTSC/PAL compatible; available for foreign distributors. Requires 3-D and Imagine or LightWave programs. Fonts can be converted to other 3-D formats using Interchange from Sundsis. Available in Spanish. $49.95
Graphically Speaking, 2574 PGA Blvd., Ste. 107, Palm Beach Gardens, FL 33410, (407) 626-3447

image fonts 01
A new set of 3-D fonts designed for use with imagine. This 3-disk set includes four styles of one typeface. Styles are Plain edged face, Chisel edged face, Bevel edged face, and Emboss edged face with plain edged center (two piece font). These 3-D object fonts support phong shading for smooth curves, but are designed to allow for sharp, clear edges. Characters are caps A-Z and numbers 0-9. $29.95
CRC Productions, P.O. Box 9, Mantachie, MS 38855

❖ 3-D/UTILITIES ❖

3D Studio Converter
The 3D Studio Converter works within InterChange to share 3D Studio .3DS models and .MLI material libraries with any other 3-D file format such as LightWave, Imagine, etc. All hierarchy information and most material attibutes are translated accurately to and from any other 3-D formats supported in the InterChange Plus system. The package also includes a freely distributable PC program for converting between DXF snd 3D Studio formats. This converter is newer and more fully featured than the TIO 3D Studio Converter that is part of the Video Toaster 2.0 system. Requirements: InterChange Plus. $150.00
Syndesis, 235 South Main St., P.O. Box 65, Jefferson, WI 53549, (414) 674-5200

Aegis Pro/Motion
Designed for use with Aegis VideoScape 3-D, Pro/Motion takes all of the guess work out of motion definition. Using a simple visual interface,

design complex motions with effects such as wind, gravity, and magnetism. Position light sources and cameras exactly where you want them—on the screen! Preview motions in real-time without waiting for an animation to be rendered! Workbench 2.0 compatible. $99.95
Oxxi, Inc., P.O. Box 90309, Long Beach, CA 90809-0309, (310) 427-1227
Please see display ad insert.

AutoCAD DXF Converter
This converter works with InterChange Plus, making it possible to exchange 3-D models with Autodesk's popular DXF format used by many 3-D modeling and CAD workstation programs. It gives great flexibility in translating pen and layer information as either color or hierarchy information in other 3-D formats. It also creates DXF files that preserve hierarchy and surface information and also makes 2-D side views on any 3-D object. Requirements: InterChange Plus. $150.00
Syndesis, 235 South Main St., P.O. Box 65, Jefferson, WI 53549, (414) 674-5200

DigiWorks 3D
This product will take digitized images, the latest in Amiga characters and clip art, or 2-D graphics from painting or image processing programs and convert them into 2-D and 3-D objects to be rendered and animated in powerful 3-D rendering programs. A fast polygon fill algorithm has been implemented along with 2-D to 3-D extrusion options so that objects will be ready to directly load and render in a 3-D rendering program. Specific tools and options include Vertex Level Editing, User-Definable Screen Colors, Freehand Drawing, Absolute and Relative Coordinate Measurements, Adjustable Tracing Accuracy, Output sizing Controls, and much more. $129.95
Access Technologies, Inc., 11602 Crosstimber Dr., Austin, TX 78750, (512) 250-0768

◆ **Digital Arts Converter**
Like the Wavefront Converter, the Digital Arts Converter understands '.AOB' objects files as well as Digital Arts libraries. Digital Arts software is produced by Digital Aarts of San Diego, CA. $295.00
Syndesis, 235 South Main St., P.O. Box 65, Jefferson, WI 53549, (414) 674-5200

Essence
Library of over 65 new algorithmic textures for use with Imagine. Range from simple textures like tiling of colored hexagons to complex coloring surface for objects such as clouds, fire and planets. Some included textures are: Counter, Floortile, Fractal Noise, Hex, HueRotate, Mandelbrot. RGBvary, Swirl, Turbulent Transition and Veined Marble. Fully compatible with floating point versions of Imagine 1.1/2.0 and TurboSilver. $79.95
Apex Software Publishing, 405 El Camino Real, Ste. 121, Menlo Park, CA 94025, (415) 322-7532

❷ **InterChange Plus**
InterChange Plus is a professional system for translating between 3-D model file formats such as LightWave objects and scenes, Imagfine, Turbo Silver, Vista DEM, VideoScape, Sculpt, PAGErender, CAD-3D, ImageMasterISHAPE, Professional Draw, and Aehis Draw. It also includes tools for scaling, grid-snapping, and point reducing objects, as well as the InterFont system for automaticac generation of 3_D text objects from outline fonts. Attributes such as color, specularity, and hieracrchy are translated with the utmost fidelity. With add-on Converters, the InterChange Plus System can be expanded to translate other 3-D formats. Hardware/Software Requirements: AmigaDOS 1.3, 2.0, or 3.0, 2MB RAM and a hard disk. $99.95
Syndesis, 235 South Main St., P.O. Box 65, Jefferson, WI 53549, (414) 674-5200

Lissa 1.2
Generates 3-D Lissajous curves for the popular modeling packages. This unique class of graceful, curving objects can be used as flight paths for other objects, backbone of extruded objects, twisted plate outlines, or however virtual scuptor desires. Curves are controlled by sinusoid motions and modulations over a sphere through simple, effective interface window on Workbench screen. Also controlled by ARexx, e.g., to generate series of related curves. Works with any CPU; AmigaDOS 1.3/2.0 compatible. Generates objects for Imagine, TurboSilver, Sculpt, Draw4D, Caligari, LightWave, Geo, Vista. $35.00
Technical Tools, 2 S 461 Cherice Drive, Warrenville, IL 60555, (708) 393-6350

◆ **Pixel 3D Professional V2**
Pixel 3D Professional version 2 is a multi-function 3D utility program that converts PostScript files and IFF bitmaps to 3D objects by extruding or spinning the image. This works great for making 3D logos for flying logo animations. PixPro 2 can load, process and save many 3D object formats: Lightwave 3D, Caligari, Imagine, Turbo Silver, DXF (AutoCAD), Sculpt 3D, Draw 4D, Draw 4D Pro, Videoscape, Wavefront, or Digital Arts, so it works as a 3D conversion utility too. PixPro version 2 supports AGA modes, object hierarchies, surface attributes, Postscript fonts and drawings, point editing and more. Requires 2.0 or higher, 2 Meg Fast RAM and 1 Meg Chip RAM. $299.95
Axiom Software , 1668 E. Cliff Rd., Burnsville, MN 55337, (612) 894-0596

◆❷ **ScapeMaker 3.0**
Newly re-written and improved ScapeMaker, now with attractive pushbutton '3-D' look user interface and dual on-screen DEM displays, menus, and ARexx. Converts most Amiga IFF images (320x200 up to 768x592, including lo-res, hi-res, interlace, NTSC, PAL, overscan, and HAM) into Vista digital elevation map (DEM) landscapes for 3-D rendering with Vista, VistaPro, and Scenery Animator. Converts logos, video titles, topographic maps, radar mapping images, photos, paint program graphics, and other images into 3-D landscape files up to 258x258 or 514x514 elevation points as extruded (positive height) or carved (negative depth) objects. Loads and saves landscape files in compressed format. Landscapes can be added to one another, subtracted, incremented or decremented, smoothed, scaled up to 99X, unscaled up to 99X, and logically combined (AND, OR, NEG, XOR, NOT, using ARexx). AmigaDOS 1.2,1.3,2.x, and 3.0 compatible. $3 shipping in North America, $5.00 abroad. $64.95
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

◆ **TIO Imagine Converter**
The TIO Imagine Converter works inside LightWave, making it possible to load Imagine and Turbo Silver objects directly from within LightWave's 'Load Object' interface. Models made in Imagine become single LightWave pbjects without any translations steps. All colors and surface information are translated to LightWave surfaces. Requirement: Video Toaster 2.0 software. $49.95
Syndesis, 235 South Main St., P.O. Box 65, Jefferson, WI 53549, (414) 674-5200

Topas Converter
The Topas Converter for InterChange Plus reads and writes the '.AMF' modeling files from Topas, a well-known modeling and animation program produced by CrystalGraphics. Topas is used by many broadcast professionals on most MS-DOS-based video workstations. Requirements: InterChange Plus. $150.00
Syndesis, 235 South Main St., P.O. Box 65, Jefferson, WI 53549, (414) 674-5200

Vertex 2.0
The latest version of the sophisticated 3-D object processing program offers many new features including EPS import, fractal trees, math coprocessor support, bezier curves, fast and accurate surface triangulation, backdrop grid with snap, and a full ARexx port. Also offers speed dimprovements from 2x to 24x over previous versions, hierarchy support for Imagine, plus extended surface attribute support. Requires AmigaDOS 2.0 or higher and 2MB of RAM. Math coprocessor and extra RAM recommended. NTSC/PAL. $129.00
The Art Machine, 4189 Nickolas, Sterling Heights, MI 48310, (313) 939-2513

◆ **Wavefront Converter**
The Wavefront Converter translates both geometry and surface descriptions in Wavefront '.obj' objects and material libraries, giving near-perfect compatibility between the Amiga and high-end animation workstations—exclusive among Amiga translation programs. Wavefront Technologies of Santa Barbara, CA, produces software used in many network television environments. Other high-end animation programs also use the '.obj' format. Requirements: Includes InterChange Plus. $295.00
Syndesis, 235 South Main St., P.O. Box 65, Jefferson, WI 53549, (414) 674-5200

❖ 3-D VIDEOTITLING ❖

TV GRAPHICS
TV GRAPHICS is a four-disk set video graphics background art to be used in desktop video presentations or professional video applications. Screens include marble, wood, brick, fiber, and decorative backgrounds. Also included are sets of frames for dubbing in external video sources. All screens are created in interlace overscan for direct video work. Backgrounds can be used with multimedia authoring systems, video titling, and paint software. NTSC only. $49.95
Slide City, 6474 Highway 11, DeLeon Springs, FL 32130, (904) 985-1103

Video Effects 3-D
TV Network-style 3-D perspective special effects generator for the Amiga. Creates super smooth 3-D effects using 2-D hi-res IFF pictures. The user controls each picture's 3-D path, speed, tumbles, turns, spins, and zooms, with an interactive real-time wire frame preview. The 3-D extrusion option creates 3-D solid logo from flat text. Super smooth effects playback at 60 fields/sec. $199.95
InnoVision Technology, 1933 Davis Street, Suite 238, San Leandro, CA 94577, (510) 638-0800

❖ ANIMATION ❖

A Twist of Fate
More ANIMbrushes that are subject to stress on all axes, resulting in drastic dimensional aberrations. Can be combined with the 'Plato' ANIMbrushes to create some startling animation scenarios. Three disks of ANIMbrushes and free animation disk. $34.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

ANIMfaces 1,2,3
Animated (ANIMbrushes) eyes, mouth, and other elements combine on screen to produce an entertaining package for Amiga users of all ages. Professional applications include use for video animation, titling, and television bumpers. Price is $59.95 per set of three disks.
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

❷ **Aladdin 4D**
Version3.0. 3-D modeling, rendering, and animation software. Single window editor with wide angle, zoom and rotation controls that allow viewing of objects from any orientation. Supports powerful modeling/animation tools, polygons of any number of points, splines, lens flares lights, paths, wave sources, and gases. Tools can also be user-written in any programming language and added to the editor. Paths can be hierarchically linked to control movement/rotation, can have unlimited number of deform levels and support instancing. Polygons support gouraud and phong shading, attribute lists and texture lists. Texture lists support IFF bitmaps, single frame anims, and procedural textures which can be shingled, projected, cylinder, or spherical mapped as normal, decal, bump, opacity, genlock, reflection and more. Animation preview mode, interruptable z-buffer redraw. Ray traced shadows. Camera mode w/ multiple targets. Saves IFF, IFF-24, DCTV, Anim OP-5, PDraw clips. Import support for Videoscape 3D and EPS files. Direct support for all Amiga modes, HAM8, DCTV, Resolver, Firecracker 24, OpalVision and Retina. NTSC/PAL. Multitasking. Requires Math Coprocessor and 2MB min. AmigaDOS 1.3/2.0/3.0 compatible. $499.00
Adspec Programming, 467 Arch St., Salem, OH 44460, (216) 337-3325

◆ **Anim Workshop V2**
Anim Workshop version 2 provides tools for creating, editing, processing and adding sound to Anim5, Anim7 and Anim8 Amiga animations. Anim Workshop can create an animation from a list of files and batch process images. Anim Workshop works with AD Pro to bring all of the Art Department's image processing power to the animation level. Anything ADPro can do to a single image you can do to an entire animation. Monitor a directory and convert images to an Amiga animation. Full support for all AGA modes, anim brushes, ARexx, four channel sound and more.

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❷ AmigaDOS release 2 Compatible *(Vendor Verified)*

Requires 2.0 or higher. Supports NTSC/PAL. $149.95
Axiom Software , 1668 E. Cliff Rd., Burnsville, MN 55337, (612) 894-0596

❷ AsimVTR
This high performance animation storage/playback program combines both frame-accurate editing functions and real-time playback speeds. Lets you record your aniamtion to hard drive, as well as move, save, and load frames. In playback mode provides on-screen VCR-like control panel. Can also be used as a display tool and with ARexx commands, a dedicated storage device. Requires Workbench 2.0. $89.00
Asimware Innovations, 101 Country Club Dr, Hamilton, Ontario L8K 5W4, Canada, (905) 578-4916

◆ Digital BroadCaster 16
Based on full motion JPEG technology, the Digital BroadCaster 16 works in full-screen, realtime NTSC (30fps), PAL (25fps), and S-Video high-quality resolutions at a full 60fps (50fps PAL). This digital video compression board digitizes the video signal, from any standard NTSC, PAL, and S-Video format video device, and then compresses the digital frames tothe hard drive in realtime at user-selectable compression ratios from 10:1 to 100:1. Animation frames can be compressed and stored to the hard drive on a frame-by-frame basis in the digital domain and then played back, in realtime, directly to tape without the need of an expensive frame-by-frame recorder. Video clips and computer animations can be easily combined to produce a final production. Other features include rotoscoping, time-lapse video, and stop-motion video. Comes bundled with DMI '601' editing software. $2495.00
Digital Micronics, Inc., 2075 Corte del Nogal, Ste N, Carlsbad, CA 92009, (619) 931-8554

◆ Digital BroadCaster 32
Based on full motion JPEG technology, the Digital BroadCaster 32 works in full-screen, realtime NTSC (30fps), PAL (25fps), and S-Video, and component video broadcast quality resolutions at a full 60fps (50fps PAL). This digital video compression board digitizes the video signal, from any standard NTSC, PAL, S-Video, or component format video device, and then compresses the digital frames tothe hard drive in realtime at user-selectable compression ratios from 4:1 to 100:1. The final edited production is then transferred to tape or broadcast directly from the hard drive. Animation frames can be compressed and stored tothe hard drive on a frame-by-frame basis in the digital domain and then played back, in realtime, directly to tape without the need of an expensive frame-by-frame recorder. Video clips and computer animations can be easily combined to produce a final production. Other features include rotoscoping, time-lapse video, and stop-motion video. Comes bundled with DMI '601' software. $3349.00
Digital Micronics, Inc., 2075 Corte del Nogal, Ste N, Carlsbad, CA 92009, (619) 931-8554

Fantavision
Easy-to-use animation for beginners and advanced users. Features object-oriented drawing tools, digitized sound effects, tweening, and transformation. Fanatavision can generate 64 intermediate animation images for every frame drawn, resulting in amazing magic motion and special effects. $79.95
Wild Duck, 979 Golf Course Drive, Suite 256, Rohnert Park, CA 94928, (707) 586-0728

I001: Vistapro Scapes—Potpourri Selection #1
Scenes from Appalachian Trail, Maui, Southern California, and more. Individual scenes. Not contiguous! Two-disk set. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

I002: Vistapro Scapes-Potpourri Selection #2
Scenes from Yosemite, Kings Canyon, and Grand Canyon. Individual scenes. Not contiguous. Two-disk set. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

I003: Vistapro Scapes-Potpourri Selection #3
Scenes from Mt. Whitney, Mt. Shasta, and Grand Teton. Individual scenes. Not contiguous. Two-disk set. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

ImageFX
Powerful software package contains the traditional elements of image processing and editing with high end special effects. Offers variety of tools for digital image processing and retouching. You can use your hard drive to process images larger than Amiga's RAM normally allows. Directly controls many scanners and framegrabbers; new ones are easily added. Full range of drawing modes, many fills, and tools for true color painting. Full animation support, also supports true color, full motion, cinematic morphing. Use exclusive Animation List Editor for complex frame-by-frame editing. Many print-oriented features. Loads and saves all popular file formats. Modular design allows easy expandability. Use built-in scripting or ARexx to reconfigure and even redefine gadgets. $259.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

Imagine 2.0
A complete upgrade of the Imagine program. As before, it is possible to perform functions on the Amiga that have been left to much larger computer platforms. In many areas Imagine is capable of functions that are not available on larger platforms. With the use of 24-bit rendering techniques, Amiga owners can now compete in the world of professional animations at a much lower cost. $450.00
Impulse, Inc., 8416 Xerxes Avenue North, Brooklyn Park, MN 55444, (612) 425-0557
Please see display ad CII.

L001: Vistapro Scapes-Southern California
Set includes contiguous data at 80, 160, 320, and 640 meters of the southern California area. Approx. Santa Maria North to Mexican border South, and inland to the Salton Sea. 116 degrees West to 121 degrees West and 32 degrees North to 35 degrees North. Contains approx. five times the amount of data as contained on a standard scape set. $60.00
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

MakePath 1.0
A motion-editing tool for use with all Vista or VistaPro landscapes, including those created with TerraForm. It will allow you to create complex animation sequences with a few simple mouse clicks. Sessions can be saved and restored for later editing and refinement. MakePath uses a 3-D spline-based system for path creation and editing which allows the program to have intelligence. The user has full control over the motion of the model. The program can incorporate user definable controls such as acceleration rates, control over bank, and pitch. It provides an interactivity with the user that is unattainable with key frame systems, providing almost real-time editing capabilities. Simple point-and-click interface. Order direct from VRLI. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

MovieSetter
Novice animation program lets you create action cartoon sequences with full stereo sound, in minutes. Easy-to-use interface allows you to rapidly produce complex animation sequences several minutes long with only 1MB of memory. Use built-in, professionally-drawn movie clip files or make your own 32-color images from within the program. Imports IFF graphics, generates sounds, and attaches stereo sounds to characters. Special features include color cycling, 60 frame/sec. playback, and linear and optical guides to help you create special animation effects. Full overscan lets you save features to your home library. Requires 1MB and only one drive. $69.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

Photon Video Cel Animator
Animates and plays back in any sequence. Allows color and sound synchronization. Continuous play option replays screens in continuous loop. Sound synchronization, color. Fully compatible with most art, animation, and rendering software. $49.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Plato's Revenge
Twisting and compressing ANIMbrushes based upon the Platonic Solids. Useful in developing interesting animations and segues between scenes, and in discovering the intricacies of 3-D movement. An excellent choice for educational use. Three disks of ANIMbrushes and free animation disk. $39.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

◆❷ Real3D v2.0
REAL 3D V2 is a full featured 3D animation, modelling, and rendering program. All professional features expected in a 3D program are included but of special interest is the large collection of very sophisticated features that REAL 3D V2 brings to the Amiga desktop platform: partical animation, collision detection, skeletonal control inverse kinematics, CSG and cubic b-spline objects, motion blur, depth-of-field, alpha channel support, field rendering, soft shadows, built in programming lanquage, fully user definable work interface, ARexx support, and much more. Stand-Alone-Render-Engines (S.A.R.E.) are also available for REAL 3D V2. These engines will allow you to model on your Amiga and then export your file to render on additional and/or faster platforms. Platforms supported: Amiga, Sun, DEC, HP, SGI, DMI, Vivid 24, PC (486+). No longer will you have to worry about getting that job done on time. Published by Realsoft KY of Finland. Distributed by Godfrey & Associates. $699.00
Activa International B.V., P.O. Box 23260, 1100 DT Amsterdam Zuidoost, Holland, (011) 312-0691-1914

❷ Scenery Animator
With Scenery Animator you can easily create photorealistic animations or single frames of real world and fractal terrain with clouds, water, snow, clouds, lakes, and vegetation. Detailed 30-meter USGS data for Yosemite and the Grand Canyon are included, and many more are available. Supports 3-D camera positioning, direction, and zooming. Has a built-in keyframe animation interface that allows straight and curved camera flight paths and automatic tweening. Produces ANIM5, IFF, DCTV and 24-bit IFF files for use with frame buffers. AmigaDOS 2.0 and PAL compatible. $99.95
Natural Graphics, 4603 Slate Ct., Rocklin, CA 95677, (916) 624-1436

❷ StarsFX™ 2.0
Has graphic control panel for interactively exploring and inventing new starfield animation effects coupled with stero audio sound effects. Invent your own starfield patterns, record a several-minute-long, mouse-controlled flight path through a starfield, save settings as a preset. Combine groups of starfield patterns into banks for live interactive play, touring and visual effects editing under keyboard control. Almost unlimited variety of effects—wormholes, event horizons; even hosts astro gun for shooting meteors. For amateur home video, professional video production, or live multimedia. Import your IFF sound files for stero flyby left-right banking effects. AmigaDOS 1.3/2.0 compatible. Hard drive installable. $49.95
Pacific Digital FX, 6 Stetson Ave, Kentfield, CA 94904, (800) 800-2448

TV Record
TV Record is a 24-bit single-frame recording program which allows access to a VLAN (Video Local Area Network) to control a wide range of professional video equipment. Features include loading and saving sequences; record a series of images whose PATTERN and START/END numbers have been defined, negating the need for repetitive commands; each image or series of images can be recorded during a precise number of frames and at a precise time code. NTSC/PAL. Requires VLAN. UK Sterling £150.
Amiga Centre Scotland, Harlequin House, Walkerburn, Peeblesshire, EH43 6A2 Scotland, (011) 4489-687-583

Take 2
A full-blown line testing animation system. It can be used standalone, loading and saving IFF files or ANIMs from an art package, or to grab images directly from within. Has four levels of animation and four channels of sound. NTSC/PAL. Requires 1MB plus, Workbench 2 compatible. Floppy or hard disk. $99.95
Rombo Ltd., 2 Baird Rd, Kirkton Campus, Livingston EH54 7AZ, Scotland, 011-44-506-466-601

The Animation Studio
The Animation Studio is the only full-featured animation and paint program to utilize state-of-the-art cel animation techniques characteristic of Disney-style animation. Features exclusive 'onion skin' technology for viewing multiple cels simultaneously, plus full paint functions, Disney animation tutorials, and a library of Disney character and background art. $179.95
Walt Disney Computer Software, Inc., 500 S. Buena Vista Street, Burbank, CA 91521, (818) 973-4390 sales

The Director Version 2
Animation/presentation language compatible with IFF pictures, sounds, and ANIM files. Performs dissolves, wipes, page flipping, and more. Provides full interactive presentations capabilities. $129.95
Right Answers , P. O. Box 3699, Torrance, CA 90510, (310) 325-1311

❷ The Talking Animator
Easy-to-use page flipper. Lets each frame have its own palette of colors from 4096. Incorporates talking text into any page of graphics to give you the ultimate doodle pad to create stories or cartoons. All documentation on-line; just press the HELP key. Ghosting feature lets you see images from previous pages for graphics placement and smooth animation. The output works well with genlocks. Runs with 512K but 1MB recommended. Shipped with data disk full of animations. $49.95
JMH Software, 7200 Hemlock Lane, Maple Grove, MN 55369, (612) 424-5464

Tomorrow Ships
Rocketplanes and satellites to populate your Amiga galaxy. All of the ANIMbrushes are created in hires 8 and 16 colors, and require a 1MB of RAM to use effectively. Two disks of ANIMbrushes and a bonus animation disk. $39.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

Transporter
An advanced animation control program for sending single frames to video, sequential frame grabbing, roroscoping, time lapse and much, much more. Supports all popular frame controllers and display devices (Toaster, Opal Vision, IV-24, etc.) 2.0 and 3.0 compatible. Call for additional information. $249.95
Visual Inspirations, 809 W. Hollywood, Tampa, FL 33604, (813) 935-6410

Vistapro 3.0
Vistapro 3.0 is a 3 dimensional landscape modelling program which uses real-world data from the US Geological Survey and from NASA. This allows you to accurately recreate and explore landscapes on Earth and Mars in brilliant 24-bit color.New to Vistapro 3.0 is AGA support, natural looking 3-D trees, adavnced fractal texturing, buildings, roards and grass, and more. VistaPro 3.0 comes with landscape files for you to explore: the cauldera area of Olympus Mons, Mars; half Dome and El Capitan in Yosemite, California; the Carmel/Big Sur area; Crater Lake Oregon; Mt. Adams, Washington; Matterhorn, Switzerland; Mt. Fuji, Japan; Mt. LaDole, the Alps; Mt. Etna, Italy, and more. Other additional scapesets are availalbe seperately and are detailed later in this catalog.A simple direct animation utility is included with this program which will produce an animation from camera to target. Wireframe preview mode allows you to view your animation before rendering.VistaPro 3.0 requires an Amiga running under Workbench 2.04 or later with 4MB RAM—AGA models require 6MB RAM. An accelerator is strongly recommended. $99.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

◆ WaveMaker
WaveMaker is an animation creation program for LightWave 3D that allows users with little or no experience with LightWave 3D to create eye-catching flying logo animations. Simply tell WaveMaker the logo you want to animate, how you want it to fly on and/or off the screen and what elements you want to have in the background. Render single frames, entire animations, or batch render animations using the Animation Sequence feature. Create a storyboard of any LightWave animation. Prefab animations for you to integrate your logo into. Video Toaster 4000 compatible. Videotape included. Requires 2.0 or higher, Video Toaster 2.0 or higher and hard drive. $249.95
Axiom Software , 1668 E. Cliff Rd., Burnsville, MN 55337, (612) 894-0596

X001: Vistapro Scapes-Mars Equatorial Region
37 degrees West to 117 degrees West; 14 degrees North to 18 degrees South. Valles Marineris, Pavonis Mons, Ascraeus Mons, Tharsis Tholus, Lunae Planum, Syria Planum, and Sinai Planum. Two-disk set, compressed; interconnected landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X002: Vistapro Scapes—Simi Valley
Cobblestone Mountain to Castaic Lake North; Moorpark West; Topanga Canyon East; Pacific Ocean South. Two-disk set, compressed; interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X003: Vistapro Scapes-Palmdale
Leona Valley North; Saugus West; Pacifico Mountain East; San Fernando South.Two-disk set, compressed; interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X004: Vistapro Scapes-Los Angeles
Strawberry Peak North; Northridge West; Whittier East; Pacific Ocean South. Two-disk set, compressed; interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X005: Vistapro Scapes—California Set-Inland Empire
San Bernadino North; Monrovia West; Yucaipa East; and La Habra South. Two-disk set, compressed; interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X006: Vistapro Scapes—California Set-San Diego
San Onofre North and West to Mexican border on South to about 8 miles inland. Some areas along coast not available. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X007: Vistapro Scapes—California Set-Orange County Area
Brea North; Stanton West; San Clemente East and South. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X008: Vistapro Scapes—California Set-Yosemite North
Tioga Pass, June Lake, and Grand Canyon of the Tuolumne. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X009: Vistapro Scapes-Yosemite South
Yosemite Valley, Half Dome, El Capitan, Bridal Veil Falls, Devil's Postpile, and Mammoth Lakes. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X010: Vistapro Scapes—Kings Canyon National Park
Kings Canyon Monarch Divide, Mt. Pinchot, Mt. Bradley, Mt. Clarence King, Kearsarge Pass, Mt. Williamson, Mt. Baxter, Mt. Brewer, Mt. Silliman, John Muir Wilderness. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X011: Vistapro Scapes-Mineral King
Mineral King, Great Western Divide, Silver City. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X012: Vistapro Scapes—Sequoia National Park
Mt. Whitney, Mt. Langley, Inyo National Forest, Kern Peak. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X013: Vistapro Scapes-Grand Canyon A
Marble Canyon, Vermillion Cliffs, Desert Facade, Walhalla Plateau. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X014: Vistapro Scapes-Grand Canyon B
Granite Gorge, Grand Canyon Town, North Rim, Point Sublime, Middle Granite Gorge, Great Thumb Mesa. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X015: Vistapro Scapes—Grand Canyon C
Kanab Plateau, Kanab Creek, Kanab Point, The Dome, Mount Sinyala. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515.

X016: Vistapro Scapes—Grand Canyon D
Lower Granite Gorge, Toroweap Point, Lone Mountain, Twin Point. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X017: Vistapro Scapes—San Francisco Bay Area
San Rafael North; Duxbury Point West; Sunnyvale East; Pescadro South.Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X018: Vistapro Scapes—Vail, Colorado
Sheephorn Mountain, Vail, West Vail, Eagle River. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X019: Vistapro Scapes-Breckenridge, Colorado
Breckenridge, Quandry Peak, Mt. Lincoln, Mt. Democrat, Twin Lakes Res., Mt. Massive Lakes. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X020: Vistapro Scapes-Aspen, Colorado
Aspen, Snowmass Village, Hunter-Fryingpan Wilderness, Capitol Peak, Maroon Belles. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X021: Vistapro Scapes-Colorado River A
Yuma Arizona, Laguna Dam, Martinez Lake, Imperial National Wildlife Refuge, Cibola Valley, Moon Mountain. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X022: Vistapro Scapes-Colorado River B
Parker Valley, Giers Mountain, Parker Dam, Buckskin Mountain State Park, Lake Havasu, Chemehuevi Valley. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

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X023: Vistapro Scapes—Colorado River C
Lake Mohave, Mt. Davis, Fire Mountain, Lake Mead National Recreation Area, Hoover Dam. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X024: Vistapro Scapes—Colorado River D
Lake Mead, Arch Mountain, Fortification Hill, Bonelli Landing, Hamblin Mountain, Pyramid Peak, Hells Kitchen. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X025: Vistapro Scapes—Appalachian Trail, Virginia
Shenandoah National Park, George Washington National Forest, Blue Ridge Mountains, Thornton Gap. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X026: Vistapro Scapes—Glacier National Park, Montana
Hudson Bay Divide, Continental Divide, Flattop Mountain, Mt. Wilbur, Logan Pass, Lake Helena, Boulder Ridge, Heavens Peak, St. Mary Lake. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X027: Vistapro Scapes—Snake River, Idaho and Wyoming
Snake and Hoback Rivers, Ramshorn Peak, Bradley Mountain, Wolf Mountain. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X028: Vistapro Scapes—Jackson Hole, Wyoming
Teton Village, Gros Ventre Range, National Elk Refuge, Camp Davis, Targhee National Forest. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X029: Vistapro Scapes-Old Faithful, Wyoming
Jackson Lake, Grand Teton, Teton Range, Grand Teton National Park, Mt. Moran, Jenny Lake, Rammel Mountain. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X030: Vistapro Scapes—Scenic Vistas, Wyoming
Gannett Peak, Flaming Gorge National Recreational Area, Devil's Tower National Monument, and Haystack Buttes. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X031: Vistapro Scapes-Mt. Michelson, Alaska A
Western portion of north coastal Alaska. 69 degrees North, between 144 and 146 degrees West. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X032: Vistapro Scapes-Mt. Michelson, Alaska B
Eastern portion of X031 region. Unique landscape possibly caused by repeated transit of glaciers. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X033: Vistapro Scapes-Central California
San Luis Obispo, Morro Bay, Lake Cachuma, Big Sur. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

X034: Vistapro Scapes—California Scenes
Lake Arrowhead, Mt. San Gorgonio, Mt. Baldy. Two-disk set, compressed. Interconnecting landscapes. $39.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

Zoetrope
With Zoetrope, the animation system, you can create magical motion. Its high end features satisfy even the most demanding professionals; its unique layered structure makes it easy to use. You can spin and swoop titles and images through 3-D space, apply computer power to classic 'cel' animation, and overlay/underlay your favorite pictures or animations.
Mainstream America, 1012 South Main Street, Taylor, PA 18517, (717) 562-0650

❖ *ANIMATION & UTILITIES* ❖

AMIGA-SF
These are the first in a series of over 25 volumes of ANIMbrushes for Amiga science-fiction fans and movie-makers. Each of the disks contains startling hi-res 8- and 16-color SF elements. The first three sets focus upon rockets and other 3-D craft. Future volumes will contain all of the other elements needed to create a full Amiga-produced animated 3-D feature video. Volumes 1A, 1B, 1C:Two disks of ANIMbrush 3-D spacecraft plus an extra are disk of a completed animation. Volumes 2A, 2B, 2C: Two disks of ANIMbrush 3-D spacecraft plus an extra-terrestrial planets and cosmic scenes (HAM) to genlock with your animations. Volumes 3A, 3B, 3C:Two disks of ANIMbrush 3-D spacecraft plus an extra-terrestrial planets and cosmic scenes (HAM) to genlock with your animations. Two disk set. $39.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

ART DISKS
Each of these 10 disks sell for $10 each and represents some of the work accomplished by one of the Amiga's most published and prolific artists. The first two were created to demonstrate the PROPS/Scene Generator interface, and the rest cover many subject areas and methods of electronic painting. The entire 10-piece set may be purchased for $85.00. $7.50
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

Aegis Animagic
Animagic lets you perform amazing special effects with both IFF picture files and ANIM-style animations. Create spectacular DVE effects with your favorite pictures or ANIM's from VideoScape 3D, VideoTitler, or Deluxe Paint. You can even design your own unique effects. Using the powerful ANIM editor, the resulting ANIM files can then be edited, enhanced, or spliced together for longer movies. Includes sample animations and pictures and a special math coprocessor version of the program for Amigas equipped with 68020 and 68881 processors. $139.95
Oxxi, Inc., P.O. Box 90309, Long Beach, CA 90809-0309, (310) 427-1227
Please see display ad insert.

Animation Journeyman Starter Kit v1.1
Contains sample objects, including a male human figure, 25 24-bit IFF maps to use on your 3-D objects, and a Tricks and Tapes videotape that assists the new user in getting up the learning curve of the program. $59.95
Anjon & Associates, 714 East Angeleno, Unit C, Burbank, CA 91501, (800) 377-8287 sales

❷ CellPro Version 1.1
Cellular automata art and animation system for particle animation, video titling, research, recreational computing, algorithmic art, and educational applications. Generates images in up to 16 colors on Amiga 320 x 200 screen (overscan support also included, PAL available). Includes six built-in CA algorithms (Arithmetic, Life, Replicate, and more). Powerful Designer Mode for user-designed two-state CA algorithms with four or eight neighbors (many examples on disk). AutoSave feature for rapid compilation of image sequences for conversion to ANIM files. Load/Save IFF images, Load/Save Designer Mode algorithms. Compatible with Amiga graphics and paint programs. AmigaDOS 1.2, 1.3, and 2.x compatible. $5 shipping in North America, $8.00 abroad. $89.95
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

Cine Back for FreezeFrame Film Recorder
When used with the FreezeFrame film recorder (listed under Graphics Hardware), this cinema back lets you produce professional 35mm animation on your desktop. Features include pin registration, forward and reverse, LCD frame counter and notcher. NTSC only. Requires 512K RAM, one floppy disk. $5995.00
Prime Option, 2341 W. 205th St. Ste.116, Torrance, CA 90501, (310) 618-0274

◆ Flightpaths
A library of multi-stage moves for users of DPaint IV and up. Supports in and out transitions, over 120 multi-stage sequences. Any IFF title of graphic can be animated—from graceful spirals and curves, to complex twists and ricochets—as easy as stamping a brush and loading a few moves. Saves time; all XYZ values preset. Tips, hints, variations help the user create sophisticated animations quickly and easily. Includes Bonus Colorfonts. Requires DeluxePaint IV or higher, extended RAM suggested. $49.95
Mediascape, 7471 Watt Ave., Ste. 109 Dept. 333, North Highlands, CA 95660, (800) 242-1984

Fractal Movie 3
Fractal animation of pulsating 'cube' Julia Set created with FractalPro in 256-color HAM graphics mode. Animation clip art for use with ANIM generator and editing programs. Includes self-running display program. $2.00 shipping in North America, $4.00 abroad. $10.00
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

❷ FractalPro 4.0
Fractal art and animation system utilizing hi-res HAM 256-color graphics mode to generate Mandelbrot, Julia, 'cube'Mandelbrot, and 'cube'Julia still images and smooth pan, zoom, tween, and cascade animation sequences. Provides 12 types of fully automated animation sequences with four increments of motion (eight pan directions, zoom in/out, tween, and cascade), zoom up to 200 trillion magnification, generate fractal landscape files for 3-D rendering in Vista and Vistapro. Fast 100% assembly language. Includes automatic support for 68020/030 Amigas and overscan support. PAL available. Compatible with HAM paint and animation utility programs. AmigaDOS 1.2, 1.3, 2.x, and 3.0 compatible. $5.00 shipping in North America, $8.00 abroad. $99.95
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

◆❷ FractalPro 6.02
Enhanced all new FractalPro (upgraded from FractalPro 5.1) with extensive AGA support. Attractive new '3-D' look pushbutton interface. Has all features of 4.0 and 5.1 and adds many new ones: completely optimized fast assembly language for math coprocessor or 68040 to provide 4x-40x speed improvement over 4.0, full-featured ARexx compatibility for remote operation via ARexx script or AmigaDOS script (using supplied JAH command), renders and saves (and can animate) Lo-Res, Hi-Res, SuperHi-Res, MultiSync, and 24-bit IFF images. Amiga ECS resolutions from 320x200 to 1536x480 (NTSC) and 320x256 to 1536x592 (PAL) and MultiSync resolutions from 640x480 VGA to 1280x960 Super72. 24-bit images can be generated in all resolutions including 736x480 (for DCTV and Toaster v.1) 752x482 (for Toaster v.2), 320x200 to 768x480 for Firecracker24 direct rendering. All 12 animation modes supported in all resolutions and coloring modes. All resolutions support HAM, HAM8 and 256-color modes on AGA systems (HAM and 24-bit only on ECS), palette controls and varialble-speed color cycling. Astounding image quality! Ten new fractal formulae, optional post-render script execution, extended color capabilities, selectable color banding width control and four-way VistaPro DEM output capabilities. Direct real-time Firecracker24 rendering, script-operated DCTV conversion 'on the fly.' Also includes ARexx scripts for converting a single 24-bit image into a mosaic of four 24-bit images and compositing to a single ultra-high resolution 24-bit image with AdPro 2.0. Requires math coprocessor or 68040, 1MB minimum, hard drive recommended. AmigaDOS 2.0, 2.1 or 3.0 compatible.

PAL capability built-in. Maximum compatibility has been retained for current users of fractal 4.0 and 5.1. $5.00 shipping in North America, $8.00 abroad. $199.95
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

KARA FONTS-STARFIELDS
NTSC/PAL. Animated hi-res NTSC 704 x 480 overscan (PAL: 736 x 580). Starfield backgrounds in three views: front, diagonal, and side. Each comes in two-color version fast loading to dump to video and 16-color palette version to include two different KARA FONTS or one KARA FONT and an included animated object such as an Earth, comet, satellite, or asteroid. Compatible with DPaint 3/4 and other programs that use the ANIM and animbrushes format. Two disks. $59.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (310) 578-9177

Media Line Animation Backgrounds
All backgrounds are made with standard VideoScape 32-color palette. Works well with other animation packages. The 30 backgrounds are situated in four drawers, Scenic, Textbacks, Structures, and High Tech. Backgrounds are in interlaced lo-res to get maximum resolution and in overscan to eliminate borders when transferring to videotape or film. $39.95
Mainstream America, 1012 South Main Street, Taylor, PA 18517, (717) 562-0650

MovieClips
Additional backgrounds, animations sequences, and sounds for MovieSetter. Can be used with any IFF program. $34.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

❷ OLO Animated Fonts 1
Marmor is a hi-res, eight-color, marble-looking, massive, and impressive font in caps that comes both in keyboard and ANIM Brush-format. Keyboard version supports most characters in German, French, Spanish, & Scandinavian. Two sizes (120 & 140 pts.). Animated version covers letters A-Z in 120 pts. Each animated letter grows from out of dull stone. Then it's illuminated and thereby it lets the beautiful marble pattern appear. There are 49 frames per letter. Comes standard in Ivory-palette with different, suitable marble palettes added. Two disks and a thorough 40-page user manual in English included. Requires minimum of 1.5 MB RAM. AmigaDOS 2.0 compatible. $59.95
ArtoVinjett, Byalvs v.65, S12174 Jhov, Sweden, (011) 468-649-7702

❷ OLO Animated Fonts 2 (Glider)
Glider is a hi-res, eight-color, metal-looking, attractive and shiny font in lower-case looking caps that comes both in keyboard and ANIM Brush-format. Keyboard version supports most characters in German, French, Spanish, & Scandinavian. Two sizes (108 & 128 pts.). Animated version covers letters A-Z in 108 pts. Each animated letter is exploded into position. The next sequence shows a beam of light traveling through the brim and surface of each letter from left to right with sparkles further enhancing the impression. There are 42 frames per letter and comes standard in sober green/brown-palette with 6 other palettes added. Two disks and a thorough 40-page user-manual in English included. Requires minimum of 1.5MB RAM. AmigaDOS 2.0 compatible. $59.95
ArtoVinjett, Byalvs v.65, S12174 Jhov, Sweden, (011) 468-649-7702

❷ OLO Animated Fonts 3 (Gold)
Gold is a hi-res, eight-color, gold-looking, clear and exclusive font in caps that comes both in keyboard and ANIM Brush-format. Keyboard version supports most characters in German, French, Spanish, & Scandinavian. Two sizes (113 & 133 pts.). Animated version covers letters A-Z in 113 pts. Initially each letter is blurred with a crude mosaic pattern. This pattern is rotated into position from the distance. The next sequence shows the crude pattern becoming increasingly redefined and the crisp definition of the letter appears. There are 40 frames per letter and comes standard in fancy gold-palette with nine other palettes added. Two disks and a thorough 40-page user manual in English included. Requires minimum of 1.5 MB RAM. AmigaDOS 2.0 compatible. $59.95
ArtoVinjett, Byalvs v.65, S12174 Jhov, Sweden, (011) 468-649-7702

Spheres 2
Clip art of 3-D lighted, shaded spheres texture wrapped with FractalPro 256-color HAM fractal image. Includes complete ANIM file of rotating fractal sphere and still images for use with HAM paint programs. AmigaDOS 1.2-2.0 compatible. $2.00 shipping in North America $4.00 abroad. $10.00
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

Toolkit for The Director
This disk is packed with features and enhancements to expand the capability of The Director. New wipe routines, a palette selector, a pie chart generator, and more. The new and enhanced BLIT Utility has a powerful interface to help create Wipe, Dissolve, and BLIT operations. It also automates the process of moving an object over a background, generating a complete working script. $39.95
Right Answers , P. O. Box 3699, Torrance, CA 90510, (310) 325-1311

WHOOSH!
Six disks are offered in the WHOOSH! series. These are multicolored ANIMbrushes in hi-res 8 and 16 colors. All were designed with the Amiga artist and animator in mind, and all play quite well in the video environment. They also genlock well to the user's choice of backgrounds. $49.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

◆ WaveWriter
This product allows you to create Ready-to-Render Lightwave Objects & Scenes for flying logos in less time than ever before. It features a Workbench 2.0 interface with keyboard shortcuts for all functions. A visual display of the current font & phrase allows you to see your work at all times and makes experimenting with typefaces and arrangements a snap. It comes with 6 new 3D Typefaces featuring full international character support. It also works with all Broadcast Fonts 3D for Lightwave 3D. Requires Workbench 2.0 & NewTek Video Toaster/Lightwave 3D. $130.00
Unili Graphics, 143 Lorraine Avenue, Pittsburg, CA 94565, (510) 439-1580

Will Vinton's Playmation
A true 3-D character animator. All modeling and control is performed with real time 3-D splines. Includes algorithmic textures, reflection mapping, decaling, ray tracing, real time wire frame playback, motion libraries, and many features too numerous to mention. $299.00
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❖ *ARTWORKS* ❖

Computer Paintings
Beautiful computer art created with paint and ray tracing programs. The art works are printed as ink jet prints or as cibachromes. All works framed with archival quality materials. These computer paintings have been on exhibit at various galleries in the U.S., including the Copley Society in Boston. $400-$1000 plus shipping and handling.
GlassCanvas Productions, Inc. , P.O. Box 6171, Boston, MA 02114, (617) 367-3229

FractalShow 1
Self-running slide show of best images from FractalPro: Mandelbot Sets, Julia Sets, ray-traced texture mapped fractal art in 256-color HAM graphics mode. Great backgrounds or clip art for HAM paint programs. PAL available. $2.00 shipping in North America, $4.00 abroad. $10.00
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

❷ Myra's World
Single HAM ANIM ile (requires 1MB memory, completely fills disk) of beautiful woman on whose fingertip appears a fractal world which rotates and vanishes. AmigaDOS 1.2-2.0 compatible. $2.00 shipping in North America, $4.00 abroad. $10.00
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

Pro-Quality Clip Art Multi-Screen Collection #1
IFF high-res format images. Symbols V1, cartoons V1, holidays V1, U.S. and world maps. 100% compatible with any IFF Paint, desktop publishing, or desktop videp program. Five disks, 450+ screens, each containing six to 12 drawings. $99.95
Hi! Tech News, 86 Lanvale Avenue, Asheville, NC 28806, (704) 252-4933

Pro-Quality Clip Art Multi-Screen Collection #2
IFF high-res format images. Symbols V2, Cartoons V2, Holidays V2, Sports V1, and Animals V1, 100% compatible with any IFF Paint, Desktop Publishing, or Desktop Video program. Five disks, 450+ screens, each containing six to 12 drawings. $99.95
Hi! Tech News, 86 Lanvale Avenue, Asheville, NC 28806, (704) 252-4933

Pro-Quality Clip Art Multi-Screen PreHistoric Animals
Twenty-four IFF high-res screens, each containing six to 12 prehistoric creatures, 100% compatible with any IFF Paint, desktop publishing or desktop video program. $19.95
Hi! Tech News, 86 Lanvale Avenue, Asheville, NC 28806, (704) 252-4933

Pro-Quality Clip Art Multi-screen Airplanes V1
Fifty-two IFF hi-res format screens, each containing six to 12 airplanes—from the early Fokker to the modern F14, with 100% compatibility with any IFF Paint, desktop publishing, or desktop video program. $19.95
Hi! Tech News, 86 Lanvale Avenue, Asheville, NC 28806, (704) 252-4933

❖ *CAD* ❖

Aegis Draw 2000 V2.0
A powerful two-dimensional CAD system. Create structured drawings, up to 256 layers of information. Unlimited zoom levels, auto-dimensioning, and the ability to edit any line at any time are just a few of the features that make this program the solution to most CAD application needs. Read and write AUTOCAD files plus PostScript output. $199.95
Oxxi, Inc., P.O. Box 90309, Long Beach, CA 90809-0309, (310) 427-1227
Please see display ad insert.

Board Master v1.19
Board Master comes with a full autorouter from netlist and a substantial library of parts and physical styles. High density (two lines between pads) routing is supported, and all boards are design rule checked. Manual routing is also supported, as are trace size changes and host of other PCB features. Netlists are ASCII text and completely human-readable and editable. Comprehensive manual, non-copy protected, reliable, and bug free. Board Master is extremely fast-full screen redraw of packed board occurs in under one second on a stock Amiga. ARexx compatible, requires Floppy or hard drive-based, 68000 thru 68030, with 1.5MB or more. $99.95
Black Belt Systems, 398 Johnson Road, RR-1 Box 4272, Glasgow, MT 59230, (800) 852-6442

❷ DynaCADD 2.04
DynaCADD is the most advanced and comprehensive CAD solution available today on the Amiga. DynaCADD designs and details in 2-D and 3-D, reads and writes industry standard DXF file format, and includes export capabilities to all major Amiga rendering packages. These powerful features enable both the professional and the occasional user to design with utmost precision and present their work with flair. DynaCADD's attention to ease of use also drastically reduces the learning curve normally associated with high-end CAD packages. $995.00
Ditek International, 2800 John St., Unit 15, Markham, Ontario, Canada L3R 0E2, (416) 479-1990

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AMICUS FRS Index
AC's Back Issue Index
Vendor/Product Registration
User's Groups
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GFX-CAD
This package bundles X-CAD Professional with X-SHELL 3.3 for use with a single dongle. Includes a 200-page manual with illustrations and examples in an easy-to-read format. Also includes free, 6 issues of X-PRESS! NTSC/PAL, U.S. keyboard. Requires 3MB, any Amiga CPU, special library for math coprocessor, AmigaDOS only. No hard drive required (two floppy drives required as alternate). $359.00
Grafx Computing, 6680 Wiltsie Road, Panama, NY 14767, (716) 782-2468

GFX-CAD 3000
Takes X-CAD 3000 and implements a graphic interface with on-screen menus. Works in the same manner as X-SHELL, only in 3-D. Package includes X-CAD 2D, X-CAD 3D, X-SHELL, Z-SHELL, and 6 issues of X-PRESS. NTSC; PAL on request. Requires 3MB RAM, hard disk or two floppy drives. AmigaDOS 1.3/2.0 compatible. $619.00
Grafx Computing, 6680 Wiltsie Road, Panama, NY 14767, (716) 782-2468

Plans Version 3.0
Professional CAD package for mechanical, architecural and electronic work. Imports DXF 2-D and 3-D, GEO 3-D, HPGL and Draw files. Allows the user to trace bitmap images. Printing features include ability to print to any Preferences supported printer and PostScript output. Supports 2-D and 3-D drawings with parts and named lockable layers. Performs vector based hidden line removal on 3-D objects. Font options include Compugraphic and Plans vector based fonts. Font editing system built in. User configurable plotter support allows plotting to nearly any plotter. Requires 1 Meg, 2.0, FPU optional. $249.00
Gary Hale Development, 94340 Horton Rd., Blachly, OR 97412, (503) 925-4130

Pro-Board Personal
Entry level PCB (Printed Circuit Board) layout software suitable for small projects and education. Many features provided for production of high quality PCBs, including intelligent, single-trace auto-router. Maze routing algorithm connects two pins through existing trace if that provides lower cost solution. No Net List capability, so Guided Routing is not available as in v2.1 and v3.0. $99.00
Prolific, Inc., 6905 Oslo Circle, Ste 3, Buena Park, CA 90621, (714) 447-8792

Pro-Board v2.1
Manual Printed Circuit Board (PCB) layout and routing package. Fine Line traces, forbidden areas, 1 to 18 layer PCBs, identical repeated traces, reads Pro-Net Net lists to quickly and accurately complete your PCB. Modification functions allow Rotate, Swap, Push, Open, Stretch, more. Pro-Lib utility creates nonstandard and SMT devices. Workbench 1.3/2.0/3.0. Special price when purchased with Pro-Net V2.0C. $199.00
Prolific, Inc., 6905 Oslo Circle, Ste 3, Buena Park, CA 90621, (714) 447-8792

Pro-Board v3.0
PCB automatic routing and placement package. Has features of v2.1 plus 2 auto-routing algorithms. Via optimization, RipUp & Retry, selected auto-routing, plus manual functions to guide, limit, or modify PCB. Auto-place functions group parts, set forbidden areas, orientation, and placement grids. Workbench 1.3/2.0/3.0. Special price when purchased with Pro-Net V2.0C. $349.00
Prolific, Inc., 6905 Oslo Circle, Ste 3, Buena Park, CA 90621, (714) 447-8792

Pro-Drill v1.0
Drill file generation package. Reads PCB data files created by Pro-Board and generates True-Drill and Excellom drill files for PCB production houses. Specify default pad and Via sizes, then set unique values for individual pins/groups of pins. Can also generate HPGL plot of PCB with each pin marked by size. $89.00
Prolific, Inc., 6905 Oslo Circle, Ste 3, Buena Park, CA 90621, (714) 447-8792

Pro-Net Personal
Entry level schematic capture package suitable for small projects and education. Provides all features of v2.0B except Post Processing functions (Net List, Bill of Materials, Page referencing, back annotation, error checking, component maps). $99.00
Prolific, Inc., 6905 Oslo Circle, Ste 3, Buena Park, CA 90621, (714) 447-8792

Pro–Net V2.0C
Schematic capture package. Draw multi-page schematics by calling out library parts and drawing lines. Signal labels, page referencing, gate swapping, error checking, back annotation, and zoned, automatic device label assignment. Net List and Bill of Material generation used by Pro-Board v2.1 and v3.0 to provide Guided Routing and automatic placement and routing (Pro-Board v3.0 only). Special price when purchased with Pro-Board v2.1 or v3.0. $199.00
Prolific, Inc., 6905 Oslo Circle, Ste 3, Buena Park, CA 90621, (714) 447-8792

SpeakerSim V2.1
Package for designing and optimizing loudspeaker systems. Design new systems or optimize existing ones. Analyzes speakers and enclosures via the Thiele-Small model. Features a variety of graphing modes, user-updatable data files, configuration files, full color control 640 X 200 or 640 X 400 screen resolution. Designs first, second, and third order high- and low-pass filters. Print to any Workbench printer, HPGL plotter, or PostScript printer, AmigaDOS 2.0 compatible, ARexx capable; save graphs in IFF format, and more. Requires 512K. $112.00
dissidents, 10325 Woods Road, Utica, NY 13502-6723, (315) 797-0343

X-Cad 2000
X-Cad 2000 is ideally suited for the first-time CAD user. Automation of the design of architectural, mechanical, electrical and process engineering drawings is straightforward. Once designs have been completed they may be projected or spun in true 3-D model space and viewed in orthographic, isometric or perspective orientations. NTSC/PAL, AmigaDOS 1.3/2.0 compatible, for all Amigas with 1MB min. $199.00
Digital Multimedia Services Ltd, 87, Victor Gardens, Hawkwell, Hockley, Essex SS5 4DY, England, (011) 44-702-206-165

X-Cad 3000
X-Cad 3000 with the manual weighing in at a mere 2kg–including Tutorial and Quick Reference Sections–this product offers higher performance for the professional CAD user including: industry standard graphics tablet support, powerful 3-D surfacing commands and automatic hidden line removal. X-Cad 2000 users upgrading to X-Cad 3000 need only pay the difference between the two products. $599.00
Digital Multimedia Services Ltd, 87, Victor Gardens, Hawkwell, Hockley, Essex SS5 4DY, England, (011) 44-702-206-165

❖ *CAD/PARTS* ❖

Framing & Foundation Library DXF Format
An interactive design system for use with CAD programs that use DXF formats. Collection deals primarily with wood construction. The Framing and Foundation Library contains a complete set of images as well as acaled hard copy of the details suitable for insertion in blue prints. this set contains 20 foundation and slab details and 28 framing and rafter details for use in creating working construction drawings. The screen objects are easily modifies and combined to create new details and cross sections. $89.95
Madrigal Designs, P.O. Box 2292, Santa Rosa, CA 95405, (707) 539-5675

Madrigal Architectural Master Collection DXF
Collection of CAD parts for architectural design. Contains room objects in plan view of windows, doors, walls, bay windows, fireplaces, stairs, kitchen, bath fixtures, premade assembled bath and kitchen room modules. The Interior design section contains furniture objects for bedrooms, dining rooms, living rooms, office/dens. Works with Amiga CAD programs that support the DXF format. $129.95
Madrigal Designs, P.O. Box 2292, Santa Rosa, CA 95405, (707) 539-5675

❖ *CAD/UTILITIES* ❖

PlotPrint
Transforms vector-oriented pen-plot data files created by CAD/scientific/spreadsheet programs into high-resolution bitmaps that allow any graphics printer to be used instead of an expensive pen plotter. Features include full HPGL interpreter that translates all HPGL commands. Compatible with all printers; works in all resolutions; any size printout; handles any drive configuration; Intuition; 50-page manual; interactive or batch modes. Prints B size drawings (11 x 17) directly with wide printer or in two panels with narrow printer. $50.00
Hi Tech Graphics, P. O. Box 446, Tallmadge, OH 44278, (216) 633-7966

PlotPrint Version 2
68020/68881 version of PlotPrint. AmigaDOS 1.2-2.0 compatible. $50 for 68000. $60 for 68020/030 881/882. $60.00
Hi Tech Graphics, P. O. Box 446, Tallmadge, OH 44278, (216) 633-7966

Read4D
This program accepts an Amiga- or Mac-generated Sculpt (Byte-by-Byte) file and converts it to .STL format used for rapid prototyping (stereolithography by liquid photopolymer or dry selective laser sintering) processes. You can create your own design with 3-D modeling systems other than Sculpt and convert to Sculpt object or scene formats using file conversion routine such as Imagine to Sculpt 4D via an interchange module by Syndesis. Sculpt not needed to run the conversion; Read4D is a standalone process that just works on the files. Program has options for outputting .STL files as binary or ASCII, scaling dimensions, offsetting origin, and providing diagnostics as to file size, part bounding dimensions, and polygon data. Program and docs on 3.5-inch standard density Amiga disk. Requires 512K min. AmigaDOS 2.0 compatible. STL File Conversion under SERVICES describes how you may try a conversion before you buy. $375.00
DFW Prototypes, 1920 Briarcrest Lane, Arlington, TX 76012, (817) 275-2044

ReadSOBJ
This program comes in two parts: Part A converts Caligari .SOBJ ASCII files to Sculpt script files. Part B converts Caligari .SOBJ binary files to Caligari .SOBJ ASCII. Make a stereolithography part via Sculpt and Read4D .STL converter shown in another listing. Requires 512K min., AmigaDOS 2.0 compatible. $37.50
DFW Prototypes, 1920 Briarcrest Lane, Arlington, TX 76012, (817) 275-2044

The ACAD Translator 2.0
The ACAD Translator provides the Amiga user with a much-needed link with the professional CAD market. Translate sophisticated DXF files to Sculpt-Animate or TurboSilver format to produce stunning color image renderings and animations. Also use Amiga translation programs to convert this data into formats for use in Imagine, Lightwave, or other 3-D rendering programs. The ACAD Translator is fully multitasking and is executable from Workbench or CLI and will convert all AutoCAD Rev. 10 and Rev. 9 and compatible files including all 3-D options. Supports PAL. $179.95
Access Technologies, Inc., 11602 Crosstimber Dr., Austin, TX 78750, (512) 250-0768

X-PORTER 3.1
X-PORTER translates AutoCAD Revision 10 DXF files to AegisDraw format for use by DrawPRO, Aegis Draw, Taurus XCAD and PageStream programs. X-PORTER also converts XCAD verification format to DXF (for Taurus XCAD customers). The disk includes other translational utilities as well and comes with a 12-page manual. Reduced from $69. $59.00
Grafx Computing, 6680 Wiltsie Road, Panama, NY 14767, (716) 782-2468

X-SHELL 3.3
Completely new and improved version. Shuts off the annoying XCAD text interface and uses overscan area of screen to tuck, trim, and compact menus that release the full potential of XCAD Pro. Includes eight main menus that use mouse acti-

vated buttons to control everything from symbol attributes and bitmap fill patterns to text character spacing and ellipse orientation. Has 200-page manual with tutorial useful for both beginners and experienced power users. X-Shell provides standardized base drawings with pre-defined viewports to speed setup time and menus organized into discrete areas of drawing activity to increase productivity and reduce menu pawing. Usable without a flicker-fixer. Reduced from $199.00 $169.00
Grafx Computing, 6680 Wiltsie Road, Panama, NY 14767, (716) 782-2468

❖ GRAPHICS DISPLAY CARD ❖

Black Box Broadcast Quality Graphics System
Ultra high-speed 16.7 million color graphics system with alpha channel. Built in intelligence for handling of 3-D concepts, extrusion, etc. Handles blittering line drawing in hardware at 5 billion pixels per second. Real-time 24-bit 3-D rendering, etc. Supports PAL, NTSC, and SECAM. Requires: Amiga 500 thru 2500, Multisync monitor $6300.00
DJW Microsystems, 50 Belle Vue Road, Shrewsbury, Shropshire, England SY3 7LR, (011) 4474-324-4752

❷ DMI Resolver B Graphics Co-Processor
Allows for up to 1024 x 768 (double buffered) and 1280 x 1024 (single buffered) resolution on your A2000/3000 series computer. More than quadruples the number of pixels an Amiga can display and vastly improves on standard Amiga picture quality. Utilizes the 60 MHz Texas Instruments TMS34010 16-bit processor chip which dramatically increases the speed of your application and displays 256 colors from a palette of over 16 million. Standard configuration includes 3MB of Video RAM and 2MB of DRAM. The Video RAM is expandable allowing for the C configuration of the Resolver. With the double buffering option enabled the Resolver has a screen refresh rate of over 60 frames/second, an absolutely amazing number if your applications include real time animation. DRAM is expandable to 8MB and the 1MB of dedicated overlay memory allows for instantaneous menu pull down. Compatible with AmigaDOS 1.3/2.0 and UNIX operating System 5 Release 4. Fully programmable display provides for both NTSC and PAL. Price is for standard configuration. $1749.00
Digital Micronics, Inc., 2075 Corte del Nogal, Ste N, Carlsbad, CA 92009, (619) 931-8554

❷ DMI Resolver C Graphics Co-Processor
Brings 1280 x 1024 (double buffered) to your A2000/3000 series computer. More than quadruples the number of pixels an Amiga can display and vastly improves on standard Amiga picture quality. Utilizes the 60 MHz Texas Instruments TMS34010 16-bit processor chip which dramatically increases the speed of your application and displays 256 colors from a palette of over 16 million. Standard configuration includes 5MB of Video RAM and 2MB of DRAM. With the buffering option enabled the Resolver has a screen refresh rate of over 60 frames a second, an absolutely amazing number if your applications include real time animation. DRAM is expandable to 8MB and the 1MB of dedicated overlay memory allows for instantaneous menu pull down. Compatible with AmigaDOS 1.3/2.0 and UNIX operating System 5 Release 4. Fully programmable display provides for both NTSC and PAL. Price is for standard configuration. $2195.00
Digital Micronics, Inc., 2075 Corte del Nogal, Ste N, Carlsbad, CA 92009, (619) 931-8554

❷ DMI Resolver Graphics Co-Processor
Allows up to 1024 x 768 resolution on your A2000/3000 series computer. Provides more than three times the number of pixels an Amiga can display and vastly improves on standard Amiga picture quality. Utilizes the 60 MHz Texas Instruments TMS34010 16-bit processor chip which dramatically increases the speed of your application and displays 256 colors from a palette of over 16 million. Standard configuration includes 2MB of Video RAM and 2MB of DRAM. The Video RAM is expandable allowing for either the B or C configurations of the Resolver. DRAM is expandable to 8MB and the 1MB of dedicated overlay memory allow for instantaneous menu pull down. Compatible with AmigaDOS 1.3/2.0 and UNIX operating System 5 Release 4. Fully programmable display provides for both NTSC and PAL. Price is for standard configuration. $1295.00
Digital Micronics, Inc., 2075 Corte del Nogal, Ste N, Carlsbad, CA 92009, (619) 931-8554

FIRECRACKER 24
The FIRECRACKER 24 takes up the normal Zoro slots in the A2000 or A3000; it does not take up the video slot. Certain types of genlocks that work in the video slot of the Amiga may conflict with the use of the FIRECRACKER 24. Please consult your dealer or Impulse if you have any questions regarding internal genlocks. Due to the cost of buying all the different genlocks on the market today, Impulse cannot guarantee operation with any genlock. Impulse has tested the FIRECRACKER 24 with various models; for further information regarding genlock use, please call Impulse and ask for tech support. FIRECRACKER 24 1MB $1000/2MB $1500.
Impulse, Inc., 8416 Xerxes Avenue North, Brooklyn Park, MN 55444, (612) 425-0557
Please see display ad CII.

VIU-CT
VIU-CT is option for professionals with high-end component video equipment. Includes all VIU-S features as well as component Y/R-Y/B-Y transcoding, RGB plus composite sync, VGA-style RGB monitor pass-thru, and RGB plus H and V sync. Bundled with the IV24.
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

Video Interface Unit (VIU) for IV24
VIU-S, bundled with IV24, allows user to choose from wide selection of video input/output signals. Features composite video and S-video (Y/C) to RGB conversion, RGB plus sync input, software-selectable video source and signal conditioning, sync detection and generation, automatic signal equalization, external genlock/keyer input/output, LED mode indicators, bus connector.
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

Vivid 24 Graphics Co-Processor
Super high-res graphics display and rendering engine for A3000/A4000 series. displays 24-bit color at user-programmable resolutions up to 2048 x 2048 interlaced and 1280 x 1024 non-interlaced. 32MHz TMS34020 processor can be upgraded to 40MHz. Module upgrades available for maximum configuration of 8MB DRAM, 16MB VRAM, 4 math coprocessors. Obtain rendering speeds over 200 times on an A3000. $2995.00
Digital Micronics, Inc., 2075 Corte del Nogal, Ste N, Carlsbad, CA 92009, (619) 931-8554

❖ PAINT ❖

ACS Harlequin 32-Bit Graphics Package
Offers ultimate in creative paint software for the graphics artist. Simple icon-driven menu system offers user-friendly interface to features that make TV Paint special, as well as corresponding keyboard shortcuts for speedy operation of selected functions and operations. TV Paint contains standard and advanced features.
Amiga Centre Scotland, Harlequin House, Walkerburn, Peeblesshire, EH43 6A2 Scotland, (011) 4489-687-583

❷ Aegis SpectraColor
Brush ANIMs finally come to HAM! Now, use all of the animation capabilities offered by SpectraColor to produce stunning 4096 color movies. Wrap images around spheres, cubes, even on a contour to provide remarkable graphic effects. Designed by the authors of PhotonPaint, SpectraColor is destined to become the new Amiga HAM standard! Workbench 2.0 compatible. $99.95
Oxxi, Inc., P.O. Box 90309, Long Beach, CA 90809-0309, (310) 427-1227
Please see display ad insert.

Aegis SpectraColor for HAM-E
This powerful HAM paint program now supports Black Belt Systems' HAM-E graphics expansion system. All the features of SpectraColor, including key frame animation with free-hand or straight-line paths; brush wraps; luminosity, density, and light-source direction controls, icon-based point-and-click interface, the easy-to-use color Manager for selecting among the 262,144 colors of the HAM-E system and numerous paint and animation tools, are now available for HAM-E users. Requires 2MB. $99.95
Oxxi, Inc., P.O. Box 90309, Long Beach, CA 90809-0309, (310) 427-1227
Please see display ad insert.

◆Brilliance
Brilliance is a powerful and intuitive paint package. Features include: well laid-out user interface, extremely fast operations, multiple picture and animation buffers, multiple brushes and animbrushes, multiple levels of Undo/Redo, real world airbrush, much more. Supports all Amiga graphic modes including 24-bit, 256-color, and 8-bit HAM. Requires 1MB RAM min, more suggested. Some graphic modes require A4000 or AA chip set. $249.00
Digital Creations, P.O. Box 97, Folsom, CA 95763-0097, (916) 344-4825
Please see display ad CIV.

ChromaPaint
Supports half-bright modes NTSC, PAL and any number of fonts. Use as many screens as memory allows. Features include zoom, brush, color cycling, printing, clip board, and animation generation features. $49.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

◆ Deluxe Paint IV AGA
DeluxePaint now offers more colors and better screen resolution to Amiga owners using Commodore's new AGA chip set. For owners of the A4000 or A1200, DeluxePaint IV AGA now offers 256 color support and access to over 262,000 colors at any resolution, including high-res. The program also reades and converts 24-bit IFF files, supports all Amiga screen resolutions, and includes all the features of its predecessor. DeluxePaint IV AGA requires Workbench 2.04 or higher and at least 2MB RAM. $199.00
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

DeluxePaint III with Animation
First in a new class of software that integrates paint with animation. Program actually paints animation by allowing users to AniPaint™ a series of screens the way they would paint a single screen. Also allows user to paint and create with multi-frame Animated Brushes to create animations like birds in flight. Integrates animation with its perspective capability in a feature called Move, which allows user to define a brush, the distance for it to travel, a rotation, and the number of frames for it to move across. Other features include extra-halfbrite support, wrap mode, tint mode, direct overscan, and much more. $99.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

❷ DeluxePaint IV
The full-featured Paint and Animation program from EA just got better. Version IV features LightTable, which lets you see through the frame you're currently working on; Metamorphosis, which instantly transforms the shape and image of one brush into any other brush; New Animation Control Panel, whose VCR-style interface means no more searching through the menus for the animation controls you need—just point and click; Color Mixer, to create and choose colors; Stencil Paint Mode for greater control over image processing and manipulation; rich tinting and translucency for special effects; and the ability to paint and animate with all 4096 colors in HAM mode. Upgrade from DeluxePaint III for $60.00. Kickstart 1.3 or 2.0; Workbench 1.3 and 2.0 compatible. Requires 1MB. $169.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Digi-Paint
Fully utilizes the Amiga's graphic capabilities. Special features include shading, tinting, blending, and complete drawing tools. Closest thing to paint and brush on the market. $59.95
NewTek, 215 S.E. 8th St., Topeka, KS 66603, (913) 354-1146

Digi-Paint 3
So much more powerful than Digi-Paint, we skipped a number. New features include full Amiga font support with anti-aliasing of text, an extended set of drawing tools with resizeable built-in brushes, and user-controllable 3-D tex

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Graphic Arts

ture mapping. New display features include support for autoscrolling bitmaps up to 1024 by 1000 pixels, user-definable overscan, and changing screen resolutions on the fly. Digi-Paint 3 has been written in 100% Assembly code for the fastest time of any HAM paint program and also features a complete set of keyboard shortcuts for experienced users. Digi-Paint 3 now includes image-processing software available only to Digi-View owners, including the ability to transfer images between resolution modes and display up to 768 x 480, using NewTek's exclusive dithering algorithms for the highest color and picture resolution. $99.95
NewTek, 215 S.E. 8th St., Topeka, KS 66603, (913) 354-1146

FernGully-The Computerized Coloring Book
This computerized coloring book allows you to mix and match backgrounds and characters from the film. Create and color the enchanting world of Crysta, Pips, the Beetleboys, and that brain-scrambled fruitbat, Batty Koda. Includes learning guide. NTSC. Requires 512K. $19.95
Capstone, A division of Intracorp, Inc., 7200 NW 19th St., Ste 500, Miami, FL 33126, (305) 591-5900

HAM-E Workshop
The first and best paint program for the HAM-E. Paints in HAM-E register mode, providing 256 colors out of 16.8 million. Powerful features include a 10-brush library, anti-aliasing, true polygons (3-22 sides), rays, four point curves, brush masking, color replacing, rub thru, pattern draw, and automatic shadows. Supports page animation and a new technique. Cell animation provides movepaths, unlimited frames, and time synchronization. Page animation synchronizes and times 10-brushes with rotation, movement, acceleration, and fading. Imports and converts standard Amiga pictures and animations. Other features include gradient fill, wrapping, 3-D perspective and more. $25.00
Holosoft Technologies, 1637 East Valley Parkway, Ste. 172, Escondido, CA 92027, (619) 747-0663

Home Alone-The Computerized Coloring Book
The fun with Kevin continues...Enjoy dozens of scenes directly from the movie, including the aftershave scene! Print out your favorites to colorize with crayons and markers. An easy-to-use paint program for kids of all ages. Includes learning guide. NTSC. Requires 512K. $19.95
Capstone, A division of Intracorp, Inc., 7200 NW 19th St., Ste 500, Miami, FL 33126, (305) 591-5900

Macro Paint
Macro Paint is the first 4096 color hi-res paint program for any Amiga. Macro Paint loads and modifies dynamic hi-res pictures as well as 24-bit pictures. Macro Piant is ARexx compatible and can give or receive an ARexx command. Macro Paint requires 1MB of RAM, but for full-featured use we recommend 3MB of RAM. Macro Paint is a multitasking program and is 2.0 compatible. $139.95
Lake Forest Logic, Inc., 28101 Ballard Road, Unit E, Lake Forest, IL 60045, (215) 337-8770

Mega Paint
A 24-bit paint program. Features multi-directional gradient fills with variable dithering, 16.7 million levels of transparency, blending, smoothing, and colorizing. These modes along with an array of drawing tools make creating in 16.7 million color easy. It has the ability to import and export several file formats. With direct control of the Mimetics FrameBuffer, from Mega Paint, you can capture images from video, edit, and re-display them in broadcast quality NTSC.
PSEUDO VISION Computer Graphics, 9319 E. Main, Spokane, WA 99206, (509) 926-6623

◆ My Paint
My Paint is an easy-to-use, educator-approved and classroom-tested paint program designed especially for children. The interface is entirely based upon intuitive symbols. No reading skills are required. Features include colorful, animated symbols for all tools, a complete 'coloring book' of over 100 pictures, sounds which accompany each picture, multiple brush sizes, special 'surprise' pictures, special effects, color cycling, and more. Included with the program is a series of educational 'coloring book' drawings which teach the alphabet, phonetics, reading skills, and other concepts. $49.95
Saddleback Graphics, Distibuted by Centaur Software, 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

Photon Paint 2.0
New features include multiple swap pages that can be run by special animation function, alternative drawing sources: rub through, Pantograph, and brush-patterns; ColorFont support; Cycle Draw. New drawing modes include: And, Or, Xor, Add, Subtract, Maximum, Minimum, Use H, and Use H&S. New tools include air brush with definable spray area, fill polygon tool, and polygonal brush cutter. $49.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Pix Lib
Pix Lib is a picture conversion and storage program with a library of 995 beautifully drawn pictures—each picture is in 32 colors and is 213 x 145 pixels in size—covering nearly half the screen. It allows you to view and then save any picture in IFF format for immediate use in DeluxePaint I-III, Digi-Paint, and most other popular paint programs. Pix Lib can run simultaneously with DeluxePaint (requires 1MB) so that you can load any picture right away for drawing virtually any imaginable scene or backdrop. $19.95
Brain Technologies Co., P.O. Box 215147, Sacramento, CA 95821, (800) 272-4601

◆ Professional Techniques for DPaint III
The 60-minute tutorial guides the viewer through the popular graphic program, DeluxePaint III, by Electronic Arts. New users, as well as seasoned professionals, are shown step by step how to accomplish cel and brush animation, text manipulation, the 'Move' menu, combining effects, 3-D perspective, short cuts and other effects to achieve spectacular results. Features DeluxePaint creator Dan Siva and Amiga graphic artist Jeff Bruette. $29.95
Saddleback Graphics, Distibuted by Centaur Software, 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

◆ RPaint 1.0
All new paint program for all Amigas (including NTSC and PAL systems) with AmigaDos 2.x or higher. Fully utilizes all ECS graphics modes (also Workbench mode), screen sizes of up to 16000x16000. Many interactive paint features (line, box, filled box, ellipse, filled ellipse, font and text handling for regular and scalable fonts, line and fill patterns, flood fill, palette controls, brush, load IFF, save IFF, and many more). The real power of RPaint comes from its extensive ARexx command set and its ability to record and/or append your interactive operations into an ARexx script automatically. Perfect for smooth scrolling text and presentations, video titling and scalable fonts, automatically drawn charts, graphics, and more. RPaint can serve as a general purpose graphics extension to ANY ARexx program. $79.95
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

Rock-A-Doodle - The Computerized Coloring Book
This computerized coloring book allows you to mix and match backgrounds and characters from the film. Create and color the fairy tale world of Edmond, Peepers, Snipes, and the rock 'n roll rooster Chanticleer. Includes learning guide. NTSC. Requires 512K. $19.95
Capstone, A division of Intracorp, Inc., 7200 NW 19th St., Ste 500, Miami, FL 33126, (305) 591-5900

TV Paint v1.6
A 32-bit paint package for the Harlequin Framebuffer. Advanced features include Density Fills, Transparency, Masking, Gamma Control, Smear, Shade, Colorize, Brush Wrapping, Larger-than-Screen editing, multi-format support. A powerful image processing tool offering 16.7 million color palette for designing, re-touching, and manipulating 32-bit images. Includes slide show utility offering 32 video effects. Requires an accelerated Amiga 2000/3000, Harlequin 32-bit Framebuffer, 8MB RAM recommended minimum, OS/2 compatible. NTSC/PAL. Language support for English, German, and French. UK Sterling £800.
Amiga Centre Scotland, Harlequin House, Walkerburn, Peeblesshire, EH43 6A2 Scotland, (011) 4489-687-583

❖ *PAINT CLIP ART* ❖

Autumn Colors
A collection of digitized leaves in a splendor of fall colors. They are in interlaced HAM and are ideal for use with your HAM Paint programs or multimedia presentations and desktop videos. NTSC, Workbench 1.3 and 2.0 compatible. Price includes shipping and handling in U.S.. $39.95
GlassCanvas Productions, Inc. , P.O. Box 6171, Boston, MA 02114, (617) 367-3229

EasyClipArt! Christian Images
For Amiga users who want to enhance church programs or Bible research with Biblical-oriented clip art. Collection of DeluxePaint-type brushes can be pasted, stretched, and changed to fit just about any need. Over 50 high-quality brushes ranging from seasonal art to religious symbols. $24.95
EasyScript! Software, 10006 Covington Drive, Huntsville, AL 35803, (205) 881-6297 (TECH)

Flowers (2 sets)
These sets are composed of digitized flowers and flower object paintings, and all are formatted to be importable with any program that can utilize Video-Res HAM brushes. The colors are blazing, and the clarity is sharp.FLOWERS #1, two disks priced at $24.95:About two-thirds of these brushes are original digitized still-video camera objects, while the remainder are carefully designed HAM art brushes. Use them in any environment where flower art is desired.FLOWERS #2, four disks priced at $34.95: These flower brushes in Video-Res HAM cannot be surpassed anywhere on any system. They wrap around shapes in astounding clarity and brilliance, and offer thousands of possibilities for complementing Amiga visual artwork. They are all original digitizations of real-world natural forms, and are not merely flat surfaces digitized from magazines. $34.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

◆ Freezeframe Scanned Art
High-quality scanned 24-bit color, 8-bit gray scale, and b&w art. Artwork by masters like Van Gogh and Rembrandt, contempory artisst like Rockwell, Esher, and Picasso. Landscapes too! Also offering borders and fonts in styles from Egyptioan to Art Deco. Material suitable for grpahic, video or DTP applications. Provided as large superbitmaps, most over 2000 x 2000 pixels, in IFF, JPEG, and GIF files on Amiga or PC media. Call for free catalog and sample disk! (FreezeFrame Productions, c/o IHD Global Computer Center). $29.95
IHD Global Computer Center, 205 8th St., National City, CA 91950, (619) 477-2368 BBS

MGLD.501 Birds In Nature
Four disks containing 30 HAM 352 x 480 images of birds and wildfowl. Species include cardinal, bluejay, purple finch, evening grosbeak, wren, woodpecker, gull, mallard, baldpate, hawk, sparrow, blackduck, and more. This is the first set in the multimedia graphics library disk series designed for commercial art, business presentation graphics, and multimedia work. All images were converted from 24-bit files from original photographic slides. NTSC. $49.95
Digital Designs Group, P.O.Box 593, Whiteville, NC 28472-0593, (919) 642-6295

MGLD.502 Worldwide Maps
Over 240 files of maps of the 50 states and Puerto Rico, the United States, and the World, area maps of every continent including text and color political maps of major areas. All maps are 640 x 400 or 704 x 480 format. Also includes a Weathermap Construction Kit with weather symbols and U.S. maps with matching palettes. This is the companion set to More Worldwide Maps. NTSC. $49.95
Digital Designs Group, P.O.Box 593, Whiteville, NC 28472-0593, (919) 642-6295

MGLD.503 More Worldwide Maps
Over 200 drawn maps of the 50 states and Puerto Rico, the United States, and the World, plus area maps of every continent, and globe maps from every conceivable view from space including Arctic and Antarctic views. This is the companion map set to Worldwide Maps. NTSC. $49.95
Digital Designs Group, P.O.Box 593, Whiteville, NC 28472-0593, (919) 642-6295

MGLD.504 Auto Race Thrills
Thirty-nine digitized and drawn color images and artwork of NHRA dragsters, NASCAR racing, SCCA race cars, dirt racing, race engines, and other racing-related images in 352 x 480 format. All digitized images were converted directly from 24-bit images. Includes drawn and animated racing flags in hi-res. NTSC. $49.95
Digital Designs Group, P.O.Box 593, Whiteville, NC 28472-0593, (919) 642-6295

Mad Star Ship Construction Set
Collection designed for the science fiction fan who is interested in the great trek-type TV star ships. Collection gives you ship components, primary and secondary hulls, warp engine nacelles, pylons, weapons modules, saucer sections—for classic and next generation federation cruisers, research vessel, and flag ship. Also includes ships from primary adversarial empires. All ships drawn to scale, original line drawings in IFF paint format. Includes ship design pamphlet. NTSC. Workbench 1.3/2.0 compatible. $39.95
Madrigal Designs, P.O. Box 2292, Santa Rosa, CA 95405, (707) 539-5675

Madrigal Architectural Master Collection IFF
A set of floor plan and furniture images in plan view for use with paint and desktop publishing programs. Contains over 500 parts depicted on screen. NTSC. $59.95
Madrigal Designs, P.O. Box 2292, Santa Rosa, CA 95405, (707) 539-5675

◆ **Madrigal Automotive Construction Set Desktop Publishing Design Collection**
Interactive clip art design system for use with paint programs. Collection contains 60 autos from U.S., Europe, and Asia, from the turn of the century to present day. Includes sedans, sports cars, coupes, and more all shown in side view, cross-section displaying engines, transmissions, seats, driver passenger arrangements, and tires. System gives the user the power and flexibility to easily examine design options and manipulate ready-made automotive design components on screen, modifying existing car designs or creating new ones. DR2D or Illustrator format $59.95, both formats slightly higher. $59.95
Madrigal Designs, P.O. Box 2292, Santa Rosa, CA 95405, (707) 539-5675

Madrigal Automotive Construction Set, General Collection IFF Paint Format
Interactive clip art design system for use with paint programs. Collection contains 60 autos from U.S., Europe, and Asia, from the turn of the century to present day. Includes sedans, sports cars, coupes and more all shown in side view, cross-section displaying engines, transmissions, seats, driver passenger arrangements, and tires. System gives the user the power and flexibility to easily examine design options and manipulate ready-made automotive design components on screen, modifying existing car designs or creating new ones. $59.95
Madrigal Designs, P.O. Box 2292, Santa Rosa, CA 95405, (707) 539-5675

Media Line Clipart Disk I
A broad selection of high quality clip art. Able to import IFF graphics. Holidays, Sports, Computers, and Scenery are among the various themes included. Also includes a show utility. Can be used in all paint programs for resizing and modification. $34.95
Mainstream America, 1012 South Main Street, Taylor, PA 18517, (717) 562-0650

Oriental Desk Top Art Vol.1-Vol.4
Oriental Desk Top Art are clip art files which can be used in desktop publishing applications on the Amiga Computer. The clip art files are black and white, high resolution (640 x 400) images, in IFF format. Oriental Desk Top consists of four volumes. Vol. 1 consists of 60 general oriental art work. Vol. 2 consists of 84 oriental martial art figures. Vol. 3 consists of 84 oriental folk art work. Vol. 4 consists of 140 commonly used Chinese characters. $29.95 per volume.
Software Integration Solutions, 11027 Twin Pond Terrace, San Diego, CA 92128, (619) 748-3350

PROPS
The PROPS disks were created to help the registered owners of Brett Casebolt's Scene Generator software in the construction of complete natural graphic scenarios. In addition, many users have found that these disks of images can also help in a host of design projects for both DTP and videographic use. PROPS #1, two disks for $24.95: Animals, Trees, and Structures in Video-Res HAM. PROPS #2, two disks for $24.95: Animals, Habitats, and Vehicles in Video-Res HAM. PROPS #3- 'DIGITOWN', three disks of New England rural houses photgraphed with a digital-still camera, and sold for $34.95: These images make it possible for the Amiga user to design many rural settings for DTP and video use, as well as for fun. PROPS#4- 'FULL-O-BIRDS', three disks of beautiful full color HAM birds, priced at $34.95 for the set: These images were scanned from non-copyrighted sources at 200 dpi, and then resized to fit the Amiga screen. The clarity is truly unbelievable, and is a must for DTP and Video Amiga visual experimeners and professionals.
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

❷ **Pro Fills Volume 1**
Pro Fills Volume 1 is a collection of 123 patterns and textures created by a professional graphics artist for use in any Amiga IFF application. Includes 60 standard palettes and 27 AGA palettes for instant color changes allowing 10,701 different backgrounds. The Screen Generator program will render Pro Fills screens in any Amiga resolution up to 10,240x10,240 with seamless matched edges. NTSC/PAL compatible, the Screen Generator is a solid multitasking program with an intuitive user interface. The Pro Fills manual includes professional tips, illustrated tutorials, and printed examples of each pattern and texture. Pro Fills will add a professional edge to your video titling, multimedia presentations, and 3-D applications. Requires 512K RAM. AmigaDOS 1.3/2.0/3.0 compatible. $49.95
JEK Graphics , 12103 S Brookhurst, Ste. E-125, Garden Grove, CA 92642-3065, (714) 530-7603

❷ **Pro Fills Volume 2**
Pro Fills Volume 2 is a collection of 136 patterns and textures created by a professional graphics artist for use in any Amiga IFF application. 60 standard palettes and 27 AGA palettes are included for instant color changes allowing 11,832 different backgrounds. The Screen Generator program will render Pro Fills screens in any Amiga resolution up to 10,240x10,240 with seamless matched edges. NTSC/PAL compatible, the Screen Generator is a solid multitasking program with an intuitive user interface. Pro Fills manual includes professional tips, illustrated tutorials, and printed examples of each pattern and texture. Pro Fills will add a professional edge to your video titling, multimedia presentations, and 3-D applications. Requires 512K RAM. AmigaDOS 1.3/2.0/3.0 compatible. $49.95
JEK Graphics , 12103 S Brookhurst, Ste. E-125, Garden Grove, CA 92642-3065, (714) 530-7603

◆❷ **Pro Fills Volume 3**
Pro Fills Volume 3 is a collection of 139 patterns and textures created by a professional graphics artist for use in any Amiga IFF application. 60 standard palettes and 27 AGA palettes are included for instant color changes allowing 12,093 different backgrounds. The Screen Generator program will render Pro Fills screens in any Amiga resolution up to 10,240x10,240 with seamless matched edges. NTSC/PAL compatible, the Screen Generator is a solid multitasking program with an intuitive user interface. Pro Fills manual includes professional tips, illustrated tutorials, and printed examples of each pattern and texture. Pro Fills will add a professional edge to your video titling, multimedia presentations, and 3-D applications. Requires 512K RAM. AmigaDOS 1.3/2.0/3.0 compatible. $49.95
JEK Graphics , 12103 S Brookhurst, Ste. E-125, Garden Grove, CA 92642-3065, (714) 530-7603

◆ **SIMKAT, Ethnic Clip-Art**
Simkat Ethnic Clip-Art offers a variety of Ethnic art: ASSYRIAN, ARABESQUE (Arabic), PERSIAN, and more. The library is expanding. Each package is separate, and consists of a disk that has either IFF brushes or IFF pictures or a combination of both, to be used with paint programs. Please specify topic; Package(s): [AS] for Assyrian Art, [AR] for Arabesque (Arabic) art, [PR] for Persian art. $50.00
L.C.P.S., Inc., P.O. Box 2015, Schiller Park, IL 60176, (708) 678-7183

◆ **SIMKAT, Religious Clip-Art**
Simkat Religious Clip-Art offers a variety of Religious art: CHRISTIAN & ISLAMIC, and the library is expanding. Each package is separate, and consists of a disk that has either IFF brushes or IFF pictures or a combination of both, to be used with paint programs. Please specify topic; Package(s): [CR] for Christian Art, [IS] for Islamic art. $50.00
L.C.P.S., Inc., P.O. Box 2015, Schiller Park, IL 60176, (708) 678-7183

Secrets of an Artist
Secrets of an Artist is the work of a professional computer artist, C. William Henderson of Los Gatos, CA. On this disk he reveals many formulas and underlying concepts through 22 examples and 10 pages of text. Requires MathVision to run. $49.00
Seven Seas Software, P. O. Box 1451, Port Townsend, WA 98368, (206) 385-1956

SoftClips
SoftClips Clip-Art is an extensive collection of hi-res, bit-mapped images that are designed for word processing, desktop publishing, video, and multimedia uses. There are four separate volumes in the collection: Classic Clip-Art, People Clip-Art, Collector's Clip-Art, and Animal Clip-Art. Each four-disk volume contains several hundred useful images. $79.95 per volume. $79.95
SoftWood, Inc., P.O. Box 50178, Phoeniz, AZ 85076, (800) 247-8330

StoryBook Capitals 3.0
Thirty decorative bitmap alphabets especially designed to liven up your desktop and WYSIWYG applications, newsletters, correspondence, posters, signs, and school worksheets. Large decorative capitals and calligraphy fonts ranging from 50 to 180 lines high, displayable in any resolution. They are easily inserted as brushes into paint, desktop and WYSIWYG programs. 512K RAM. $44.95
CLASSIC CONCEPTS Futureware, P.O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

The Amiga Coloring Book: Borders
Over 50 borders in IFF format. These can be used with your own materials. $34.95
Dragon Group, The , 148 Poca Fork Rd., Elkview, WV 25071, (304) 965-5517

The Amiga Coloring Book: Sampler
Assorted clip art in IFF format. Contains objects ranging from architectural tools to rockets, from birds to locomotives. $34.95
Dragon Group, The , 148 Poca Fork Rd., Elkview, WV 25071, (304) 965-5517

The Amiga Coloring Book: World
Maps from around the world in IFF format. Can be used for teaching geography, since maps are outlined, and can be printed without names. A section of the U.S. can also be used for letterhead designs. $34.95
Dragon Group, The , 148 Poca Fork Rd., Elkview, WV 25071, (304) 965-5517

❷ **Them Cats**
A collection of 10 Amiga IFF images of cats in a variety of situations and poses. For the confirmed felinophile. Most are hi-res grayscale pictures, but three are in full color, including two in HAM. Compatible with any Amiga paint, image processing, video, or desktop publishing program. $15.00
Creative Focus, P.O. Box 580, Chenango Bridge, NY 13745-0580, (607) 648-4082

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Graphic Arts

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❖ *PAINT FONTS* ❖

CALLIGRAPHY FONTS: Paint
Good variety of nordic, Old English, script, and decorative fonts for use with paint programs and WYSIWYG word processing programs. Seven typefaces, three to five sizes of each. Workbench-compatible bitmap fonts 20-120 pixels in size. 512K recommended, 1 or 2MB for largest fonts. Includes lots of Amiga utilities and extensive docs. $99.95
CLASSIC CONCEPTS Futureware, P.O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

Floral Animated Fonts
Say it with flowers! Floral animated fonts let any message appear magically inside blooming flowers. Perfect for wedding videos, commercials, and title screens—anywhere you need an attention-getting headline. NTSC/PAL compatible. $39.95
Expert Services, 7559 Mall Rd, Florence, KY 41042, (606) 371-9690

KARA FONTS-AnimFonts 5
AnimFonts 5 is a new hi-res ColorFont called KaraGOTHICchisel, which is a shiny, chiseled, light-faced, contemporary gothic font with caps, lower case, numerals and special character. Available in 104 pt. size. Includes both a Keyboard font and an Animated version in which each character is burned on with a fuse-like sparkle in a hand-written manner. The AnimFont can be used with DPaint III or I, DVideo III, and any other program capable of using the AnimBrush format. The Keyboard font is compatible with programs that use the ColorFont standard. $59.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (310) 578-9177

KARA FONTS-AnimFonts® 1
ChromeScript is an eight-color, formal script in caps and lower case, and comes in both a Keyboarded and an AnimFont. Each letter appears to be handwritten across the screen. Additional palettes included along with utility programs to use ColorFonts. One disk. $49.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (310) 578-9177

KARA FONTS-AnimFonts® 2
BULLION is a dimensional, beveled, highlighted, uppercase, gothic eight-color font, and comes in both a Keyboarded and AnimFont. The AnimFont rotates onto the screen 90 degrees on the Y-axis to the left while a glint of light travels across the face. Also includes additional palettes and utility programs to use ColorFonts. One disk. $49.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (310) 578-9177

KARA FONTS-AnimFonts® 3
CAPSULE is a hi-res eight-color metallic, rounded gothic, uppercase contemporary font 'which sparkles on' from the middle revealing characters to the top and bottom. Then, a sparkle goes across each letter from the left to the right. A separate sparkle for custom effects is included. Comes in both keyboard and ANIMfont format with palettes of chrome, gold, metallic, and silver. One disk. $49.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (310) 578-9177

KARA FONTS-AnimFonts® 4
CHROMEchiselSCRIPT is a hi-res, shiny gothic script ColorFont with caps, lower case with alternate characters (r,z,s,l), numerals, and special characters. Available in 115 point size. Includes both a Keyboard and an AnimFont which wipes on a static image of letter, then the actual letter is wiped on by a laser-type burn. AnimFont can be used with any AnimBrush-capable program. Keyboard font compatible with ColorFont standard programs. Includes hard drive install program, extra palettes, and utilities to use ColorFonts. Two disks. $59.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (310) 578-9177

KARA FONTS-HEADLINES
Three-disk set. Featuring 10 hi-res, dimensional, up to eight color, uppercase fonts in two sizes each (approx. 104 and 84 pts. high). Font styles in Chrome, Marble, Brick, and Granite are dragable for added 3-D effects. Other styles are Chisel, Wood, Bevel, Cast, Chiselserif, and Column. $79.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (310) 578-9177

KARA FONTS-HEADLINES 2
Two-disk set offers four, new, eight-color fonts in two-three sizes each. ChiselScript: Italic script in upper and lower case. Glass: Transparent upper-case gothic face. Engraved: Dragable, uppercase two-plane shiney font. Embossed: Raised or sunken letters on a surface. $69.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (310) 578-9177

KARA FONTS-HEADLINES 3
Four-disk set offers four TOASTER FONTS converted to 8-color, high-res ColorFont standard for compatible Amiga programs. Dimensional-looking styles: CHROMEserif, GOLDextrude, GRANITEchisel, and MARBLEbevel. Each style comes in three sizes (approx. 76, 100, 124); every font includes full character set of upper and lower case, numerals, and special characters. Includes hard drive installation program, additional RGB and video palettes, and utilities needed to use ColorFonts. $79.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (310) 578-9177

KARA FONTS-HEADLINES 4
HEADLINES 4 consists of four fonts from the popular TOASTER FONT 3 & 4 series converted to the 8-color Hi-Res ColorFont standard for all ColorFont compatible programs on the Amiga. Each one of these dimensional looking type styles come in three sizes. The font styles are KaraGOTHICserif, KaraROMANextrude, KaraChiselSCRIPTroman, & KaraBRUSHED. Every font includes the full character set of CAPS, Small Caps or Lower Case, numerals and special characters. Includes a Hard Drive Installation program, additional RGB and Video palettes, and utilities needed to use ColorFonts. $79.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (310) 578-9177

KARA FONTS-SUBHEADS
Two-disk set. A scaled-down version of Headlines, offers same unique ColorFonts in two smaller sizes (approx. 72 and 55 points.) New sizes allow a greater range of flexibility in titling without having to reduce and makes it possible to use in lower resolutions at a workable size. $69.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (310) 578-9177

Media Line Font Disk I
Contains nine different bitmap fonts for the Amiga. Designed for professional use in video presentation, graphics, animation, and desktop publishing. $34.95
Mainstream America, 1012 South Main Street, Taylor, PA 18517, (717) 562-0650

Professional Font Upgrade
Adds microkerning, dithered fonts, large lower case letters to multicolor fonts, a Preview utility, and simpler directory format to versions 3.5 and lower of the Professional Font Library. Includes five diskettes and an expanded manual. Compatible with popular paint and video programs. Requires registration card on file and 1MB. $24.95
CLASSIC CONCEPTS Futureware, P.O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

◆ **SIMKAT, Package:[P] Ethnic Fonts**
Simkat Ethnic fonts offer a large variety of Semitic and Non-Latin fonts in: ASSYRIAN (Syriac), ARABIC, PERSIAN (Farsi), AFGHANI, OTTOMAN (Turkish), and more, the library is expanding. These fonts are geared towards Amiga multimedia applications, they come in four different packages. Package(s): [T] for Video Toaster CG, [P] for Deluxe Paint, [R] for Rashumon WP, [V] for General Video applications. [S] for Scala, [O] for Opal Vision CG. Each package comes with an 80+ page user manual with keymaps layout and 47 key stickers. Custom font designs available. $100.00
L.C.P.S., Inc., P.O. Box 2015, Schiller Park, IL 60176, (708) 678-7183

❖ *PAINT TUTORIALS* ❖

VidZeen Volumes 1 and 2
Each VidZeen consists of a two-hour video tape and a two disk set. The two disks include backgrounds for titles and collages, digitized and hand-drawn brushes, ANIMs and ANIM brushes of people and animals, LED sign font, PalettePlay-a utility designed for manipulating colors in real time, and MBZ_Crawl to move titles and brushes across the screen and over your background. The two-hour videotape includes information on how to use scaled palettes to create still and animated collages; how to add moving spotlights and realistic shadows to animations; remapping to combine images and create new effects; how to use anim fonts; anti-aliasing and resizing titles; reviews and demos of other DTV-related products; helpful DPaint tips. $11 each or $19.50 for both.
MBZ, 6023 Kilgore Ave., Muncie, IN 47304, (317) 288-0009

❖ *PAINT UTILITIES* ❖

Ham It Up!
Ham It Up! Allows you to display and print all 4096 Amiga colors via sixteen 256-color charts. No HAM paint program is required. Requires 1 MB RAM. $39.95
Delta Graphics, 48 Dighton Street, Ste. 2, Brighton, MA 02135, (617) 254-1506

◆ **KeyBoard Template For Deluxe Paint IV Ver. 4.1**
Eliminate the frustration of constantly looking for Deluxe Paint IV commands in the pull-down menus or owner's manual. Get the most out of this in-depth program by having the commands you need right in front of you. Contains over 150 keyboard commands. The keyboard template fits around the function keys and displays all the keyboard shortcuts for Deluxe Paint IV Ver. 4.1. Saves time and allows keeping the mouse in the drawing area while selections are made using the keyboard. Displays functions not found in the screen menus. Fits any A500, 2000, 3000, 4000, 1200 keyboard. AGA compatible. $9.95
A & P Software Solutions, 3010 W. Winton Ave., Hayward, CA 94545, (510) 785-5343

Scene Generator
Create realistic, natural looking scenery on your Amiga with Scene Generator. Easy to use menu interface gives you instant access to all of Scene Generator's powerful capabilities. Create everything from a desert to a snow covered mountain peak. Allows control of lightning, snow and water levels, optional clouds, and colors. A preview mode will display a scene in five seconds. Makes great backgrounds for painting or animation. $49.95
Natural Graphics, 4603 Slate Ct., Rocklin, CA 95677, (916) 624-1436

TV Display
TV Display enables you to visualize 24-bit images on your Amiga without a graphic board, and to convert them into another format. You can check your 24-bit images computed in 3-D, display them in black and white, or in color (HAM mode). If you are using a Harlequin Framebuffer, TV Display allows you to display 24-bit images in any format (for example RGB's Sculpt 3D in 2048 x 1366 resolution) on the screen of your board. NTSC/PAL. UK Sterling free.
Amiga Centre Scotland, Harlequin House, Walkerburn, Peeblesshire, EH43 6A2 Scotland, (011) 4489-687-583

❖ SCIENTIFIC/BUSINESS ❖ /ENGINEERING

❷ AMPlot2
A powerful scientific and technical graph-plotting program designed to produce publication-quality graphs for illustrating documents such as scientific papers. AMPlot2 generates PostScript, EPSF, HPGL, and IFF-DR2D output. Input can be as simple as two columns of numbers, or may include commands to define the exact format of the graph. All formatting options available through Intuition interface and via ARexx, which also allows direct plotting on the graph. NTSC/PAL. Requires 1MB, two disks or hard disk recommended; AmigaDOS 1.3 or higher, 2.0 required for IFF-DR2D output; ARexx required for full functionality. $135.00
SciTech Software, 23 Stag Leys, Ashtead, Surrey KT21 2TD, England, 011-44-372-275-775

APLOT2D
A complete general purpose scientific and analysis 2-D color data plotting package. Incorporates many features including separate data and plotting files, automatic and adjustable graph scaling, menus to modify plot size and plot parameters, linear regression analysis, interpolation (linear or cubic spline) and curve, symbols, and color options. Includes linear, log, polar capabilities, and many additional menu driven features. Version 1.2. Compatible with all Amiga machines, WB 1.2, WB 2.0 and NTSC/PAL formats. $79.95
AMIGA Tech Scientific Applications, P.O. Box 201, Los Altos, CA 94023-0201, (415) 949-4864

Aplot Library
Lattice C-compatible library of graphics functions for the applications programmer. Supports Scientific/ Engineering/Business charts and graphs. Includes routines for linear/logarithmic, Pie/bar, and polar charts. From simple to complex. $79.95
Advanced Creations Incorporated, P.O. Box 31818, Dayton, OH 45431, (513) 427-5439

Complex Hooks Disk
The Complex Hooks Disk adds complex and polar arithmatic to MathVision. Disk contains hooks and pictures generated using these hooks. Z=Z3 + sin (z) etc. Requires MathVision to run. $79.00
Seven Seas Software, P. O. Box 1451, Port Townsend, WA 98368, (206) 385-1956

ConvertAplot
Printing/Plotting utility which complements the Aplot library and Engineer's Toolbox applications. Additionally, it can be used stand alone for printing/plotting capabilities with Aegis Draw and Professional Page, Etc. Support HP-GL, Postscript, PCL, Etc. $49.95
Advanced Creations Incorporated, P.O. Box 31818, Dayton, OH 45431, (513) 427-5439

❷ DataPlot v 2.1
DataPlot graphs 2-D data and user specified algebraic functions, with up to 100 datasets per screen, at any resolution from 320 x 200 to 640 x 400. Screen plots can be printed to any Preferences supported graphics printer, or saved as an IFF file or as an editable macro. Many options are available including log axes, error bars, data point markers, direction of increasing X and Y values, and algebraic operation on the data, which may be in up to 50 columns. Includes AmigaBasic source code. Requires 1MB RAM, 1 disk drive, AmigaDOS 1.3. NTSC/PAL. AmigaDOS 2.0 compatible. $12.00
Bytes and Bullets, Route 3, Box 3532, Manchester, TN 37355, (615) 596-2077

GenAplot
High-level plotting tools for creating scientific, engineering, and businees charts and graphs from user data. Pull-down menu/requester interface. Wide variety of file formats, 16 colors in hi-resolution, multiple output devices, and standard graph formats. $99.95
Advanced Creations Incorporated, P.O. Box 31818, Dayton, OH 45431, (513) 427-5439

Image Review System-Tele-Digitizer, Tele-Radiology
The IRS line of TeleRadiology systems are custom, turn-key digitizing and image processing stations. They allow a hospital, clinic, or doctor to digitize medical films and send the patient images over telephone lines or through an ethernet cable to a receiving system. Comes complete with computer, monitor, digitizer and software. FDA-approved for marketing..
National Diagnostic Imaging, P.O. Box 5501, Vienna, WV 26105, (304) 428-6214

Mandelbrot Variations
Mandelbrot Variations contains 23 commented formulas for Doug's Math Aquarium, and 19 of them include pictures. Covers most of the profound ways of viewing the Mandelbrot set, including binary expansion technique, continuous potential methods, differential angles, differential radius techniques, and others. Requires MathVision to run. $49.00
Seven Seas Software, P. O. Box 1451, Port Townsend, WA 98368, (206) 385-1956

MoG
Full-featured molecular graphics program ideal for senior high and university students, teachers, and researchers in Chemistry, Biology, and Biochemistry. MoG allows real-time manipulation of stick models of molecules using double-buffered animation. Allows PostScript, EPSF, HPGL, and IFF-ILBM plots to be produced and allows measurement of distances, angles, and torsion angles as well as modification of the chemical structure. Space-filling pictures may be created using ray tracing or quick preview. NTSC/PAL. Requires 1MB, 1.5MB or more recommended; two floppy or hard disks recommended. Math coprocessor required for CoPro version; SAS/C required for Link Library version. Basic version: $200; CoPro: $300; Library: $475. (40% academic discounts)
SciTech Software, 23 Stag Leys, Ashtead, Surrey KT21 2TD, England, 011-44-372-275-775

Multiplot XLNf
A scientific data plotting environment capable of producing publication-quality graphs with asymmetrical errors in x and y, multiple y-axes, log, linear, and category axes, alignment tools, clipboard and ARexx support. Multiple graphs may be open at a time, allowing cutting and pasting between windows and picture-in-a-picture plots. NTSC/PAL. Requires 1MB, Workbench 2.0 or higher. $30. All distribution from U.K. Accept U.K., U.S., and Australian checks.
Dr. Alan G. Baxter, Cambridge Univ., Dept. of Pathology, Tennis Court Road, Cambridge CB2 1QP, England, 011-44-223-333-907

Snip
Version 1.23 with beta version 2.0. Object-oriented data aquisition, display, and analysis program designed for speed and efficiency. Dataset size limited by memory (4 bytes per point). Displays up to 25 channels on screen (approx. 3000 points per second on 2500/030). Additional scrollable windows display zoom to any resolution. Point and process (100+ functions including FFT, statistics, signal and peak detection). Load and save binary or ASCII data. Conversion utility translates binary from most PC digitizer file formats. Custom interface for adding user functions. NTSC/PAL. Faster machines with hard drives, coprocessors, etc., recommended for large data sets. All versions 99% compatible with V2.0. A/D requires hardware (ACDA Proto-40k and ASDG Twin-X with SBX-311 supported for 12-bit, 16-channel A/D at 30 kHz throughput). $1000.00
Digital Dynamics, 739 Navy Street, Santa Monica, CA 90405, (310) 396-9771

The Engineer's Toolbox-Volume 1, Graphic Tools
Volume 1, Graphing tool of the Engineer's Toolbox is a bundled software package composed of the The Aplot Library, ConvertAplot, and GenAplot. See other Engineer's Toolbox's. $149.95
Advanced Creations Incorporated, P.O. Box 31818, Dayton, OH 45431, (513) 427-5439

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Amazing Computing
is the inspiration Amiga users need to get the most out of their Amigas.
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Desktop Video

❖ DESKTOP VIDEO GENERAL ❖

AdClips™ Volume One
Collection of 210 commercial-quality video clips. Available with unlimited, royalty-free, non-broadcast reproduction rights, with broadcast rights negotiated separately. Volume contains 48 minutes of footage, with clips ranging in length from 4-41 seconds. For computer desktop multimedia applications, AdClips® allows users with NTSC or S-VHS video capture boards to cut and paste clips into presentations, without paying for stock footage on a per usage basis. Subjects include: Nature, City Scenes, Historical, Transportation, Wildlife, Recreation, Lifestyles, and Corporate/Industrial. Available in professional formats: VHS, S-VHS, Hi-8, and 8mm. Also available in commercial formats (with an upcharge to cover dubs): 1-inch, Betacam/Betacam SP: $424, 3/4-inch U-Matic: $349, M11: $433, D2: $639. 5-minute VHS demo: $9.95 (applied to purchase). PAL available; call for info. $299.00
Mediacom, Inc., P.O. Box 36173, Richmond, VA 23235, (804) 794-0700

❷ Aladdin 4D
Version3.0. 3-D modeling, rendering, and animation software. Single window editor with wide angle, zoom and rotation controls that allow viewing of objects from any orientation. Supports powerful modeling/animation tools, polygons of any number of points, splines, lens flares lights, paths, wave sources, and gases. Tools can also be user-written in any programming language and added to the editor. Paths can be hierarchically linked to control movement/rotation, can have unlimited number of deform levels and support instancing. Polygons support gouraud and phong shading, attribute lists and texture lists. Texture lists support IFF bitmaps, single frame anims, and procedural textures which can be shingled, projected, cylinder, or spherical mapped as normal, decal, bump, opacity, genlock, reflection and more. Animation preview mode, interruptable z-buffer redraw. Ray traced shadows. Camera mode w/multiple targets. Saves IFF, IFF-24, DCTV, Anim OP-5, PDraw clips. Import support for Videoscape 3D and EPS files. Direct support for all Amiga modes, HAM8, DCTV, Resolver, Firecracker OpalVision and Retina. NTSC/PAL. Multitasking. Requires Math Coprocessor and 2MB min. AmigaDOS 1.3/2.0/3.0 compatible. $499.00
Adspec Programming, 467 Arch St., Salem, OH 44460, (216) 337-3325

AlterImage Video F/X
Desktop video program lets users give a professional touch to their videos by adding titles, graphics, and special effects. With simple hardware configuration consisting of video source such as a camcorder, plus a VCR, and a genlock video interface, AlterImage Video F/X provides users with all the software tools to transform the Amiga into a complete desktop video workstation right at home. The user can choose from a variety of title fonts and colors, plus a complete library of video clip art graphics specially designed for superimposing over video images. Rules, borders, frames, and panels are also easy to create in a full spectrum of colors for added visual excitement. Using the video effects menu, titles can be made to zoom, scroll vertically, or crawl horizontally across the screen. Screen 'wipes' can also be added between scenes to create dramatic transitions. AlterImage F/X is provided on three 3.5-inch diskettes–one contains program itself, one contains font library, and one contains video clip art library. 1MB required. Note Australian address in Vendor Information. $199.95
Disc Company, The , 11440 San Vicente Blvd, Ste 300, Los Angeles, CA 90049, (310) 207-1600

❷ AmiLink C/P
An expandable open-architecture video editing system that lets you combine consumer, industrial and professional video equipment. Ideal for amateur video editors or those looking to become professional. Supports a wide variety of equipment including Panasonic and Sony. Optimized edit list assembly, supports Video Toaster, downstream switcher, or audio mixers, import/export CMX 3600 Edit Lists and more. Unlimited expandability using the V-LAN control network. Call for your FREE demonstration disk or more information, (800) 535-7876. $1795.00
RGB Computer & Video, 4152 Blue Heron Blvd. W., Ste. 118, Riviera Beach, FL 33404, (407) 844-3348

❷ AmiLink Pro
An absolute zero-frame accurate, open-architecture editing system designed to seamlessly integrate with nearly all professional level equipment available. Interformat compatibility and expandability using the V-LAN control network. Features multiple audio/video split edits, advanced match frames, edit synchronization of transitions, special effects, charater generation and 3D animation. Supports Video Toaster, downstream switchers, keyers, audio mixers and more. Call for your FREE demonstration disk or more information, (800) 535-7876. $4490.00
RGB Computer & Video, 4152 Blue Heron Blvd. W., Ste. 118, Riviera Beach, FL 33404, (407) 844-3348

❷ AmiLink/CI Cuts-Only
Controls two VCRs. A special version of AmiLink 2.0 for the industrial video market. Functionally identical to the professional version of AmiLink. Does everything except split edits. Edit list compatibility with AmiLink and CMX 3600. Edit List creation/auto-assembly. Video Toaster control optional. Operates most Control M and L VCRs and some Camcorders. AmigaDOS 2.0 compatible. NTSC or PAL available. $995.00
RGB Computer & Video, 4152 Blue Heron Blvd. W., Ste. 118, Riviera Beach, FL 33404, (407) 844-3348

❷ AmiLink/E.S.P.
AmiLink Electronic Support Program. Automated download and de-archive tool for the RGB Technical Support Bulletin Board. This utility program allows registered users of AmiLink who do not have computer telecommunications experience to easily access the RGB TBBS and automatically download and decompress software updates and pd/shareware utilities. Experienced computer telecommunications users will not need this package. It was designed for the video professional who does not have experience with or time for modems and BBs. AmigaDOS 2.0 compatible. NTSC or PAL available. $100.00
RGB Computer & Video;, 4152 Blue Heron Blvd. W., Ste. 118, Riviera Beach, FL 33404, (407) 844-3348

❷ AmiLink/O.L.G.
The AmiLink On-line Editor's Guide. On-line Hypertext documentation, reference and turorials for the AmiLink family of video tape editing systems. Uses Commodore's new Amiga Guide system. For registered users of AmiLink. AmigaDOS 2.0 compatible. NTSC or PAL available. $150.00
RGB Computer & Video;, 4152 Blue Heron Blvd. W., Ste. 118, Riviera Beach, FL 33404, (407) 844-3348

❷ AmiLink/REMOTE!
Special remote control system for AmiLink/VT. Allows AmiLink/VT to control the Video Toaster from a second (any model) Amiga Computer. AmigaDOS 2.0 compatible. NTSC or PAL available. $150.00
RGB Computer & Video, 4152 Blue Heron Blvd. W., Ste. 118, Riviera Beach, FL 33404, (407) 844-3348

❷ AmiLink/VT Pro
All of the features of AmiLink 2.0. AmiLink/VT provides integrated control of NewTek's Video Toaster in a post-production environment. One keyboard and mouse control all phases of the creative process. AmiLink/VT runs concurrently with the Toaster in a single Amiga computer. Dissolves, Wipes, Toaster Digital Effects, Digital Video frame stores, and the Character Generator pages are called up automatically when the edit is performed and stored in the edit list. This makes unattended list Auto-Assembly possible. Provides Single-Frame control for recording LightWave animations to tape or optical disk. Recorder only edits for DV1/2, live camera sequencing. Cuts-Only Serial $4630; A/B-Roll Serial $6245. AmigaDOS 2.0 compatible. NTSC or PAL available.
RGB Computer & Video, 4152 Blue Heron Blvd. W., Ste. 118, Riviera Beach, FL 33404, (407) 844-3348

Animattes: Wedding Series Vol. 1
Collection of self-running graphic routines to use when producing a wedding video. Works on any Amiga/Genlock combination; completely icon driven for easy point-and-click operation. Once the animatte is running there is no worry about remembering which key to hit because hitting any key other than the ESC key will cause the animation to progress to the next appropriate action. Eleven routines to mix and match. Each routine ready to use straight out of the package, or can be personalized by user. Compatible with DeluxePaint III for user modification. Tutorial included in manual gives step-by-step instructions on modifying Animattes. Three unprotected disks. Demo disk $5. $39.95
Electric Crayon Studios, 3624 North 64th Street, Milwaukee, WI 53216, (414) 444-9981

Animattes: Wedding Series Vol. 2
The product of feedback from users of Vol.1. The six completely new routines provide longer and more detailed animations. Animations: Tumbling Blocks, Pouring Champagne Bottle, Self-Unwrapping Gift Box with Alternate Colors, 'morphing' Just Married matte, Church Doors Opening, Opening Heart. Requires minimum 1MB, accelerator sugested. Four unprotected disks. Demo disk $5. $59.95
Electric Crayon Studios, 3624 North 64th Street, Milwaukee, WI 53216, (414) 444-9981

Animax™ Animation Controller Card
The first product to put industry-standard V-LAN control inside your Amiga or IBM compatible. Provides single frame animation control using serial controllable videotape and videodisc recorder. Card fits into any available slot. Features interfaces to all major 3-D graphics and animation software such as Autodesk 3D Studio, TOPAS, and LightWave 3D; software-downloadable V-LAN drivers for all videotape and videodisc recorders; expands to control up to 31 devices on V-LAN network; upgradable to full-featured editing application. NTSC/PAL. Requires one 'AT' bus slot. $1250.00
Videomedia, Inc., 175 Lewis Road, San Jose, CA 95111, (800) YES-VLAN

◆ AutoPaint
25 Screen Templates that automatically composite pictures using framestores and 24-bit RGB's or IFF's in Toaster Paint. AutoPaint controls Toaster Paint and will shrink and place your pictures where you want them. This program has a simple point and click interface with 3 levels of adjustable auto beveling and drop shadows. Help has arrived - What took hours now only takes minutes. VHS demo tape $5.00 Requires Toaster and 8 Megs of RAM. $149.00
A+ Development, 7970 S. Madison Ave., Burr Ridge, IL 60521, (708) 654-0321

❷ AutoPrompt
A scrolling script prompter designed for TV script prompting and information displays. Developed with flexibility, simplicity and speed as the primary design considerations. AutoPrompt has two interleaved components, Prompt mode and Edit mode which can be swapped at will. Prompt

mode features, among other things, text mirror imaging, used selectable fonts, an optional message window for passing messages to the reader while scrolling, variable scroll speed and direction, and a continuous mode for use as an information display. The built-in edit mode is an easy-to-use text editor featuring search, replace, place markers, margins, and insert. Text can be imported from either ASCII or IFF FTXT formats. NTSC or PAL. European characters fully supported. AmigaDOS 1.2, 1.3, or 2.0. $295.00
DigiSoft, 12 Dinmore Street, Moorooka, Brisbanc, Queensland, Australia 4105, (011) 617-277-3255

Broadcast Titler 2
The professional character generator of choice for Amiga graphics pros. Features high quality anti-aliased fonts, high performance transition effects, and convenient mouse/keyboard-driven interface. Display 16 colors per text line for up to 320 colors on one high-res screen! Imports IFF brushes and pictures as backgrounds or textfills. Font Converter program included for compatibility with Amiga fonts and ColorFonts. Customizable line effects, automatic SuperGen dissolve control, GPI trigger for external control, and much more. Requires at least 1.5MB RAM. AmigaDOS 1.3/2.0 compatible, NTSC/PAL versions. Totally compatible with the new A-1200 and A-4000. $299.95
InnoVision Technology, 1933 Davis Street, Suite 238, San Leandro, CA 94577, (510) 638-0800

Broadcast Titler 2 Font Enhancer
Convert any single color Amiga font to Broadcast Titler 2's four level anti-aliased format. The Font Enhancer eliminates the jagged edges found in normal Amiga fonts. Resulting fonts occupy up to five times less memory. Fonts can also be accurately resized to smaller sizes while preserving original detail. An entire family of fonts may be created from one Amiga font. $169.95
InnoVision Technology, 1933 Davis Street, Suite 238, San Leandro, CA 94577, (510) 638-0800

Broadcast Titler 2/Super Hi Res
Broadcast Titler 2/Super Hi Res contains all editing fuctions from BT2 in addition to operating in the Super High Resolution mode. Commodore's ECS Super Denise chip doubles the horizontal screen resolution to a true 35-ns 1472 x 480 pixel resolution. The program's anti-aliased fonts improve the apparent resolution even further. Convert any standard Amiga font to Super Hi-Res with the Font Enhancer. Simultaneously display regular hi-res and Super hi-res on the same page! Requires 1MB chip RAM with 512K fast RAM and ECS Super Denise chip. AmigaDOS 1.3/2.0 compatible. $299.95
InnoVision Technology, 1933 Davis Street, Suite 238, San Leandro, CA 94577, (510) 638-0800

◆ **Cyber Edit Pro**
Provides the same functionality as cyber edit. In addition, fully integrated with Video Toaster to provide effects and character generation (titling). Upgradable from Cyber Edit. Requires A1200 or better, 1Mb RAM, AmigaDOS 2.04 or later, Video Toaster, Future Video Editlink 2000DT or 3300 edit controller. $550.00
Cybercall, Inc., 20 Cleveland Ave., Highland Park, NJ 08904, (908) 249-9883

❷ **CyberEdit V1.0**
CyberEdit is a complete, user-friendly cuts-only video editing system. Works with a large number of VCRs and camcorders. High editing accuracy. Supports SMPTE and RC time codes if available. Assembly, Insert (audio, video, audio/video), Freeze and Delay edits. Comprehensive EDL management with Cut, Paste, Undo, Text Search and more. Full simultaneous control of player and recorder.Supports up to 35 tapes/production. Multitasks with other Amiga programs. Intuitive mouse-based interface. ARexx compatible. Requires A1200 or better with 1MB RAM, AmigaDos 2.04 or later, Future Video Editlink 2000DT or 3300 edit controller. $395.00
Cybercall, Inc., 20 Cleveland Ave., Highland Park, NJ 08904, (908) 249-9883

❷ **DD524 Digital Interface Card**
Adds an AES/EBU or an S/PDIF digital input/output interface to your Amiga. Allows you to connect digitally to a Digital Audio Tape (DAT) player or CD player. Great for making CD masters. Transfer directly to DAT for sending to a CD mastering house. DD254 also allows you to back up your hard drive to a DAT recorder. A DAT tape can hold over a gigabyte of data, and has transfer rate of about 10MB/min. DD254 supports 16 and 24 bit samples; 44.1K and 48K rates. AmigaDOS 2.0 compatible. Compatibility: A2000, A2500, A3000, A4000. NTSC/PAL.
SunRize Industries, 2959 S. Winchester Blvd. Ste. 204, Campbell, CA 95008, (408) 374-4962

Das Book
Completely re-rendered and revised Wedding Album animation originally found on Animattes Wedding Series Vol.1. This new two-disk animation will automatically combine and install itself in either RAM or hard drive, and run as easily as standard Animatte. Requires 5MB RAM or 3MB and hard disk drive. Accelerator suggested. $29.95
Electric Crayon Studios, 3624 North 64th Street, Milwaukee, WI 53216, (414) 444-9981

DeluxeVideo III
Provides complete control over Amiga's graphics, animations and sounds. With its visually-oriented interface, DeluxeVideo III adds full integration of sound effects, music, and MIDI to make complete audio-visual presentations. It can be used to create interactive demos, animated cartoons, or other types of video presentations using the full range of Amiga graphics, animation, and sound. These videos can be recorded on videotape or played back through the Amiga. In addition, DeluxeVideo supports object-oriented interactivity for HyperCard™ like flexibility. DeluxeVideo III supports all Amiga resolution modes (including HAM, hi-res, and interlace), super bitmaps, high speed animation, MIDI output, and IFF standard sound and music files, and is the only program that has full DeluxePaint III capability. $149.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

◆ **Designer Video Systems**
From simple titling systems, to full broadcast AB roll editing suites. Professional consulting, system design and setup, on-site installation, training, and follow-up maintenance. Offering NewTek Video Toaster, Centaur/OpalTech OpalVision, as well as separate component based systems. Video production services and facilities are also available. Featuring 24-hour online support via our BBS! Price: $1500 and up.
IHD Global Computer Center, 205 8th St., National City, CA 91950, (619) 477-2368 BBS

◆ **Digital Laugh Track**
Now that you have recorded all these wonderful animations and shot all this beautiful video, what about sound? Well Digital Laugh Track will com to your rescue. DFT allows you to record laugh tracks, applause, sound effects, and music. Works with most home VCRs and camcorders and supports most single-frame control cards. Call for more information. $99.95
Visual Inspirations, 809 W. Hollywood, Tampa, FL 33604, (813) 935-6410

◆ **EUROtitler**
EUROtitler is an on-line and off-line subtitling system. It works with the SMPTE timecode (VITC + LTC) for frame accurate cueing of large numbers of subtitles-enough for a feature length movie. It features ASCII text import/export and extensive cue setting/editing facilities. Produces one or two line subtitles, boxed/unboxed using any Amiga font (including anti-aliased fonts from Anti-A). Requires 68020, 2 Mb, Hard disk, WB1.3. 32 bit version requires Harlequin or Grafeax compatible graphics card. Available in the US from Video Design Associates: (800) 749-7266. $290.00
Zen Computer Services, 2 Silver Birch Grove, Swinton, Manchester M27 1FS, England, (011) 4461-793-1931

❷ **Elan Performer 2.0**
For live presentations or cueing imagery for recording tape. Elan Performer 2.0 is the only Amiga program designed exclusively to give you realtime control–just press a key or click the mouse to display more imagery and animation formats than any other program. Full ARexx support including Elan MIDI and recorder. Powerful utilities cut animations into frames, splice imagery into an animation, or convert animations between ANIM and Riff formats. AmigaVision and AmigaDOS release 2 compatible. Requires 1MB RAM. $149.00
NewTek, 215 S.E. 8th St., Topeka, KS 66603, (913) 354-1146

◆ **Evoke! 1.08**
Evoke! v1.08 is the only video tape transport controller program that's custom designed for the Sony EVO-(^%) Hi-8 Single Frame VCR. With over 180 supported functions and over 140 ARexx commands, this program brings out practically all of the EVO-9650's capabilities most of which are not possible without comoputer control, including the digital frame buffer and N-Frame Record functions. An attractive interface and intuitive placement of controls and functions, Evoke! makes tape transport control easy and fun. If you own a Sony EVO-9650 VCR, then Evoke! v1.08 is indespensible. (NOTE: Synchronization with additional external devices is currently supported through GPI triggering only.) $99.00
Ron Richardson, P.O. 52013, Edmonton Trail RPO, Calgary, Alberta T2E 8K9, Canada

Feature On A Floppy
A two-disk set packed with over 100 individual forms as used in the motion picture industry to assist in the creation of feature films, television productions, and commercials. Includes script, treatment, synopsis and storyboard formats, daily production reports, breakdown sheets, camera and sound sheets, location agreements, artist- and crew-deal memos, contracts, continuity report, extras details, daily assistant director's report sheet, and more. Each form is supplied with full explanatory notes. ASCII (text) format: $38.95 U.S.; PPage (v2.0) format: $48.95 U.S.
Nodette Enterprises Pty., Ltd. , P.O. Box 584, Box Hill, Vic 3128, Australia, (613) 808-7036

GENamations
Especially designed for Amiga genlock-encoder owners and users, these animated sequences have special Color 0 capacities, allowing the non-Amiga signal to be framed in the animation. They are all in 32-color lo-res overscan, so that users wishing to edit the results will have to use a 'set lace' function in their video software. These are the first of a multiple series of offerings in the GENamations series, and include a dozen useful genlockable animations for seguing scenes and video experimentation. Two disks. $39.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

JMH Easy Titler 2.0
Version 2.0 accepts additional fonts, uses overscan with all resolutions of IFF screens for backgrounds, and has 54 transitions to take you from screen to screen. This titling package/character generator will autoboot and is ideal for unattended use; it will also allow single stepping through your slideshow to make it the ideal tool for your live presentations. The script for the JMH Easy Titler permits up to 75 screens. $49.95
JMH Software, 7200 Hemlock Lane, Maple Grove, MN 55369, (612) 424-5464

JPEG Deluxe
This collection of JPEG'd images is useful for both texture mapping and video backdrops. Subscribers receive three disks each month. There are from one to three files per disk. Rates based on length of subscription, ranging from six months to three years, and periods in between.Range $55 to $240.
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

◆ **KARA FONTS-PlaqueGrounds**
A high-quality set of 104 IFF 24-bit plaques. HiRes (NTSC/PAL) background plaques in eight textures, four styles, and various sizes. Thes dimensional plaque styles are Rectangle-Round, Rectanle-Square, Rectangle-Edge, and Rectangle-Frame. All plaques com in the following eight textures: Adobe, Granite, Sandstone, Marble-Lt Grey and Pick Vein, Copper, Wood, and Brass. 6 Disk set. $99.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (310) 578-9177

❷ **Lightworks Graphics Synthesizer**
The only program for the Amiga computer which allows the user to create graphic compositions that can be performed interactively and in real time. Lightworks has a fully menu-driven Script Editor, is MIDI compatible, accepts stereo audio input, is video compatible via genlock, and has a facility for creating non-linear animations. Package includes program disk, graphic presets disks,

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a hardware module, and DB 25 cable. Display NTSC. Requires 2MB. AmigaDOS 1.3/2.0 compatible. $599.95
Euphonics, 6984 McKinley St., Sebastopol, CA 95472, (800) 892-3325

◆ **MONTAGE 24**
Montage 24 for Amiga AGA, OpalVision and Improvision 24 systems offer similar features as Montage for the Toaster, Realtime Font Scaling at 1NS, 24-bit image processing creation, automated sequencing. The Montage PostScript module option allows realtime scaling of PostScript and Computgraphic fonts. Your AGA titles and graphics will never be the same. $399.95
InnoVision Technology, 1933 Davis Street, Suite 238, San Leandro, CA 94577, (510) 638-0800

Mandala® Virtual World Authoring Software
Vivid's Mandala® VR System is a unique multimedia virtual world technology system which pulls your image into the computer using a real time video digitizer and camera, giving you hands-free interactive control of multilevel, multistate animations that you view on any video display. You don't have to wear, touch, or hold anything. Just reach out and, through 'video gesture,' trigger visible or invisible icons to for body painting, data base manipulation, sports simulation, manipulate animations, play music, and a unique interface to advance video teleconfrencing. Please call for additional information.
Vivid Group, The, 317 Adelaid St., West Suite 302, Toronto, Ontario, Canada M5V 1P9, (416) 340-9290

Media Point Ad-on XaPPs
Various ad-on device control and utility modules for the Media Point multimedia presentation software. Devices to be supported include various industrial VCRs, genlocks, routing switchers, editing switchers, and display products such as the Video Toaster. $29.95 to $299.
Computer Video Solutions, Inc., 14-B S. 7th Street, Akon, PA 17501, (717) 859-2049

MediaBase Program
Provides interactive database access to audio-visual segments stored on laser and compact disk, and video and audio tape. Device control and external program execution entries can also be activated. Custom graphical interface screens are available for touch screen kiosk environments. $450.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

◆ **MediaLink 3.0**
Multimedia presentation software for combining text, graphics, animation, audio, video and device control into a stand alone or interactive presentation. Supports AGA, various 24bit cards, incl. IV-24 with PiP, Sunrise 12bit & 16bit sound cards, CBM's player device for VTR and Laserdisc control. External applications can be developed and incorporated into MediaLink. For further device control, many external applications are included such as crawl line, CDTV control, CDXL anim player, etc. Requires Kickstart 1.3 or higher, 1Mb chip RAM. Distributed in U.S. by Computer Video Solutions, Inc. $499.00
Activa International B.V., P.O. Box 23260, 1100 DT Amsterdam Zuidoost, Holland, (011) 312-0691-1914

◆ **MediaLink Remote Access Module**
Allows un-interrupted and remote updating of MediaLink scripts and data files. Perfect for Cable TV channels, hotel information channels, remote kiosks, etc. Supports Zmodem protocol, scheduled transmissions, remote page editing with PC's, Mac's and Amiga's, and communications via modem, network or VBI data broadcast. Kickstart 1.3 or higher, 1 Mb chip RAM, IMb Fast RAM. Distributed in U.S. by Computer Video Solutions, Inc.
Activa International B.V., P.O. Box 23260, 1100 DT Amsterdam Zuidoost, Holland, (011) 312-0691-1914

MediaPhile Desktop Video Programs
MediaEditor™ program provides easy-to-use decision list management for video editing. Source video tape is 'logged' in and scenes are previewed and recorded automatically under computer control. Genlock and Toaster control and graphics playback is provided from edit list for title overlays and special effects. MediaController program provides screen icon and keyboard control for editing, titling, and animation recording. TC Gen program generates SMPTE/EBU time code directly from computer audio port without need for additional hardware. $450.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

MediaPhile Desktop Video System
Create professional audio-visual productions. Perform automatic edits with prosumer or industrial SVHS, Hi8mm, 3/4-inch, or Beta videodecks or camcorders. Features intuitive graphical interface, preview, insert and assembly edits, special effects including dissolves, wipes, and title overlays; synchronized audio, and accurate SMPTE/EBU time code tape positioning. System supports most popular controllers including VISCA, VBOX, Video Director, Future Video, Nucleus, and MediaPhile. Multimedia device control from AmigaVision, Scala, Showmaker, The Director, CanDo, and others is done through ARexx interface to MediaPhile executive library. Programmer's Toolkit also available for Basic and C programmers. Complete systems (computer, video deck, genlock) start at $2772. $2772.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

MediaPhile Programmer's Toolkit
The MediaPhile Executive library provides complete interactive control of video decks, laser and compact disc players, and infrared-controlled devices. Function calls allow multiple devices to be controlled via infrared and serial commands sent through MediaPhile controllers. Video tape position and time code can be read and updated through library function calls from your application program. $450.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

MediaPhile Servers Programs
A collection of software interface modules that provide third party programs with control of video decks, camcorders, and laser and compact disc players through MediaPhile controllers. Currently, support is provided for Amiga Vision, Scala, CanDo, The Director, Showmaker, and all ARexx compatible programs. $450.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

MediaProcessor Program
This professional edit decision list management program controls over 15 devices, including three player video decks, a switcher, a special effects generator, DAT and audio cassette decks, compact and laser disc players, and a recorder video deck. The perfect choice for A-B roll editing with Toaster control and time code tape positioning. $200.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

◆ **Mother Earth's Textures**
A special edition of the Pixel Perfect 24 collection, Mother Earth's Textures is a 12-set collection of 300 unique textures in IFF 24-bit 752x480 size for 3D texture mapping, video graphics and titling backgrounds. Mother Earth's Textures are packaged into twelve sets of 25 textures each, in JPEG format on standard 880k Amiga floppy disks. Free utilities include our point and click JPEG decompressor and Thomas Krehbiel's ViewTek JPEG/AGA viewer. 24-bit and HAM8 directory images show all textures at once glance for easy reference. Sets one through twelve are $39.95 each. NTSC. $39.95
Digital Designs Group, P.O.Box 593, Whiteville, NC 28472-0593, (919) 642-6295

Neriki Video Tools on Tap
Designed to multitask with other software and any Amiga. Offers much-needed utilities and effects which can be called up by special hot-key combination. Auto detect, fix of illegal colors, variable fade up/down timing, vertical/horizontal adjustments from keyboard, much more. Has ARexx port so it can perform automated tasks; can also be used as part of automated slide show. Display can be configured to suit particular genlock or encoder. Instruction manual offers video setup procedure, explanations of the color bars, and tips for professional results. For release October 1992.
Fordray Pty. Ltd., P.O. Box 1265, Orange, NSW, Australia, (011) 61-63-62-9901

OZ™
Backed by 18 years of editing experience, OZ makes professional-level video editing on the Windows and Macintosh desktop accessible and affordable. OZ uses the industry standard V-LAN™ control netwok for frame accurate control of videotape/disc devices for cutonly and A/B Roll editing and single frame animation. OZ sports a user-friendly screen interface designed by video editors for long periods of production. A feature-packed toolbox provides instant access to functions to speed your editing. Videomedia also offers the optional POD mini keyboard which enhances OZ editing by providing a traditional jog/shuttle knob, dedicated editing hot keys and a V-LAN transmitter. Optional video-in-a-window optimizes the application so all editing and video functions are performed on one screen. OZ supports a GPI trigger and provides serial switcher control of devices such as the Newtek Video Toaster. The OZ/V-LAN team provides animation control plus video editing in one solution. $1995.00
Videomedia, Inc., 175 Lewis Road, San Jose, CA 95111, (800) YES-VLAN

Olo Backs 1
These are 16 color, hi-res overscan backgrounds intended to support and enhance written foreground text. The intention is to use any professional colorfont, like Kara Fonts or Olo Fonts, that use only the first eight color-registers. Such fonts will easily be applied onto these backgrounds. Olo Backs only use the last eight color registers of all the 16 in each hi-res picture. That leaves the first eight at the disposal of the colorfont and makes it very comfortable and fast to create beautiful screens while still preserving the palettes of both the background and the colorfont. Olo Backs 1 are available in both NTSC- and PAL-format. The two versions are almost identical. Olo Backs 1 consists of two main themes. There are approximately 25 motifs with variations on tubular shapes and 10 motifs with variations on tile shapes. Some motifs have a dazzling 3-D approach whereas others create a more subtle 2-D background. Note that these pictures require Super Fat Angus. All motifs are supplied with 15 different color-palettes making a total of well over 400 different pictures possible. Two disks and a thorough 20-page user-manual in English included. Requires 1MB Chip RAM minimum. AmigaDOS 2.0 compatible. $49.95
ArtoVinjett, Byalvs v.65, S12174 Jhov, Sweden, (011) 468-649-7702

Olo Backs 2
These are 16 color hi-res, overscan backgrounds intended to support and enhance written foreground text. The intention is to use any professional colorfont, like Kara Fonts or Olo Fonts, that use only the first eight color registers. Such fonts will easily be applied onto these backgrounds. Olo Backs only use the last eight color registers of all the 16 in each hi-res picture. That leaves the first eight at the disposal of the colorfont and makes it very comfortable and fast to create beautiful screens while still preserving the palettes of both the background and the colorfont. Olo Backs 2 are available in both NTSC- and PAL-format. The two versions are almost identical. Olo Backs 2 consists of four main themes. There are approximately five motifs with variations called thread shapes, two on marble, two on diamond, and 10 motifs with variations called fence shapes. Some motifs have a dazzling 3-D approach whereas others create a more subtle 2-D background. Note that these pictures require Super Fat Angus. Marble motifs comes with 10 different palettes. All others are supplied with 15 making a total of at least 275 different pictures possible. Two disks and a thorough 20-page user-manual in English included. Requires 1MB Chip RAM minimum. AmigaDOS 2.0 compatible. $49.95
ArtoVinjett, Byalvs v.65, S12174 Jhov, Sweden, (011) 468-649-7702

Our Wedding
Twenty-five computer graphic still images that your bride has been waiting for. Our Wedding contains full color embossed, 3-D, and pastel wash images. Used by both professional wedding

videographers and home video enthusiasts to add a touch of class to that most important event. The 24-bit IFF version allows you to choose NTSC or PAL broadcast formats, or any custom resolution from postage stamp size to 2048 x 2048. Compatible with AmigaDOS 2.0. $89.95 in 24-bit IFF; 69.95 in HAM format. $89.95
Digital Graphics Library, Inc., The, 1382 Third Ave., Ste. 333, New York, NY 10021, (212) 978-8508

◆ **Patternalia**
Wrap patterns for Amiga 3.0 work tiles, digitized natural surfaces, mosaics, ansd more. Use with the best 3-d/4-d software. 16 disks. $99.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

❷ **Pro Fills Volume 1**
Pro Fills Volume 1 is a collection of 123 patterns and textures created by a professional graphics artist for use in any Amiga IFF application. Includes 60 standard palettes and 27 AGA palettes for instant color changes allowing 10,701 different backgrounds. The Screen Generator program will render Pro Fills screens in any Amiga resolution up to 10,240x10,240 with seamless matched edges. NTSC/PAL compatible,the Screen Generator is a solid multitasking program with an intuitive user interface. The Pro Fills manual includes professional tips, illustrated tutorials, and printed examples of each pattern and texture. Pro Fills will add a professional edge to your video titling, multimedia presentations, and 3-D applications. Requires 512K RAM. AmigaDOS 1.3/2.0/3.0 compatible. $49.95
JEK Graphics , 12103 S Brookhurst, Ste. E-125, Garden Grove, CA 92642-3065, (714) 530-7603

❷ **Pro Fills Volume 2**
Pro Fills Volume 2 is a collection of 136 patterns and textures created by a professional graphics artist for use in any Amiga IFF application. 60 standard palettes and 27 AGA palettes are included for instant color changes allowing 11,832 different backgrounds. The Screen Generator program will render Pro Fills screens in any Amiga resolution up to 10,240x10,240 with seamless matched edges. NTSC/PAL compatible,the Screen Generator is a solid multitasking program with an intuitive user interface. Pro Fills manual includes professional tips, illustrated tutorials, and printed examples of each pattern and texture. Pro Fills will add a professional edge to your video titling, multimedia presentations, and 3-D applications. Requires 512K RAM. AmigaDOS 1.3/2.0/3.0 compatible. $49.95
JEK Graphics , 12103 S Brookhurst, Ste. E-125, Garden Grove, CA 92642-3065, (714) 530-7603

◆❷ **Pro Fills Volume 3**
Pro Fills Volume 3 is a collection of 139 patterns and textures created by a professional graphics artist for use in any Amiga IFF application. 60 standard palettes and 27 AGA palettes are included for instant color changes allowing 12,093 different backgrounds. The Screen Generator program will render Pro Fills screens in any Amiga resolution up to 10,240x10,240 with seamless matched edges. NTSC/PAL compatible,the Screen Generator is a solid multitasking program with an intuitive user interface. Pro Fills manual includes professional tips, illustrated tutorials, and printed examples of each pattern and texture. Pro Fills will add a professional edge to your video titling, multimedia presentations, and 3-D applications. Requires 512K RAM. AmigaDOS 1.3/2.0/3.0 compatible. $49.95
JEK Graphics , 12103 S Brookhurst, Ste. E-125, Garden Grove, CA 92642-3065, (714) 530-7603

❷ **Pro Video CG II**
Features include six alphanumeric font styles each in nine sizes. Six styles of Cinnamon Fonts (eight color) for the program. All registered owners of Pro Video CG II will receive a Font Conversion Utility. The Utility will convert old Pro Video fonts and standard bit-mapped Amiga fonts. Line sizes from 16 to 144 scan lines. Increment line size and baseline independently, before, after or during the editing of the line. Other features include auto kerning, selectable spacing between characters, a choice of space sizes when the space bar is pressed, and manual kerning for character's offset from the baseline. NTSC only. AmigaDOS 2.0 compatible. Upgrade: $99.95 $199.95
Shereff Systems, Inc., 8071 SW 184th Ave., Lower Level, Beaverton, OR 97007, (503) 591-5984

Pro Video Gold
Real-time on-line character generator. Minimum of 100 pages in memory. Two color and four color pattern attached to any font. Four levels of color cycle or flash. Create quick backgrounds, with 100 real-time line and page transitions. Anti-aliased fonts and IFF picture importation requires more than minimum memory requirements. A1000, A500, A2000 WB 1.3 minimum 1MB total memory required. NTSC only. $169.95
Shereff Systems, Inc., 8071 SW 184th Ave., Lower Level, Beaverton, OR 97007, (503) 591-5984

RG320C RocKey
The RocKey is a keying device which offers capabilities of chroma keying, luma keying, and color splitting. It can be used to create such studio-like effects as overlay, graphic sandwich, key sandwich, graphic window, key window, graphic label, and key thru. It is designed to work with most genlocks and is available in NTSC and PAL. $399.00
RocTec Electronics Inc., 170 Knowles Drive, Ste. 202, Los Gatos, CA 95030-1844, (408) 379-1713

Roll'em!
Roll'em! is an automatic teleprompting and titling program. Roll'em! is powerful enough to satisfy the most demanding of professional applications, yet simple enough for the amateur video enthusiast to master! Roll'em! includes a well-documented easy-to-follow manual which is comprised of tutorial and reference sections. Easy-to-follow examples facilitate the fastest user start-up possible. Still credits or titles are also possible. Roll'em! can be operated from the computer, or remotely by the speaker. Use a joystick or a footswitch to control the script. $149.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

◆ **Scala Link For Rashuman**
A special option for translating word processor files to the Scala Lingua script format. Page layout, color palette, text, fonts, attributes, tab stops, margins and line spacing are translated to the script file. This file can then be loaded from Scala and used for video, multimedia, animation and titling. Full multi-linguality support. Runs on any Amiga, requires Rashuman word processor. $25.00
HarmonySoft, 69 Jabotinsky Street, Givatayim, Israel 53319, (011) 972-331-5967

❷ **Screen-Maker 2.2**
Re-release of the 100 deep-color broadcast background images at a more affordable price. Using compression format techniques, 25MB of data is now stored on only four disks, instead of the original 36. When you choose an image to display, the file automatically decompresses it. You can choose NTSC or PAL broadcast formats, or any custom resolution from postage stamp size to 2048 x 2048. All images were created on mainframe broadcast computers and digitally transferred to meet Amiga's 24-bit IFF color specifications. AmigaDOS 2.0 compatible. $99.95
Digital Graphics Library, Inc., The, 1382 Third Ave., Ste. 333, New York, NY 10021, (212) 978-8508

Screen-Maker Top 40 HAM Images
Forty digitally reformatted images from the 24-bit IFF version of Screen-Maker. Allows users to take advantage of the images that were conceived on broadcast mainframes, and then transferred to conform with Amiga HAM color specifications. $79.95
Digital Graphics Library, Inc., The, 1382 Third Ave., Ste. 333, New York, NY 10021, (212) 978-8508

❷ **Simpatica**
A professional, single-frame video rendering system which allows all Amiga and 24-bit graphics to be laid down on video frame by frame. Also features image-based editing system, video tools (clock, color bars, etc.), deck dynamic motion control, onscreen time code or control track, stop motion system. Complete plug and go hardware and software package. A must for all video studios. NTSC and PAL compatible. Looking for overseas distributors. Requires A2000 and hard disk, minimum 2MB RAM. Video deck must support Sony S9 Protocol, i.e., Sony V09850 deck. AmigaDOS 1.3 and 2.0 compatible. $1700; £995.
Optonica Ltd., 1 The Terrace, High Street, Lutterworth, Leicestershire, England LE17 6BA, (011) 4445-555-8282

❷ **Smooth Talker V2**
Smooth Talker is a prompting program and controller for use on any Amiga. It produces a full screen prompting display which can be vertically scrolled in either direction using the remote control to smoothly vary the speed. Any Amiga font can be used, displayed as black or white or the reverse. The script may be imported from a WP/ASCII file, or prepared and marked up using the built-in editing facilities. Auto PAL/NTSC switch. Requires 512K, one disk drive, AmigaDOS 1.3/2.04. Price (includes remote control): $200, £120. Available in the US from Video Design Associates; (800) 749-7266. $200.00
Zen Computer Services, 2 Silver Birch Grove, Swinton, Manchester M27 1FS, England, (011) 4461-793-1931

◆ **Strange Garden of Visual Delights**
Video Tape, VHS Format. A collection of Aladdin 4-D animations, produced over a two-year period. Original soundtrack. Available 2/1/94. $29.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

Studio 16 w/AD1012
A 12-bit sampler card includes Studio 16 software, audio in/out, microprocessor, adjustable low pass filters, SMPTE time code reader. Sampling rates of up to 44.1 kHz, signal-to -noise ratio of a professional VTR. Perfect for editing video sound tracks. Software allows recording direct to hard disk synchronized with time code, and special effects. Compatibility: A1500, A2000, A2500, A3000, A4000. NTSC/PAL. $595.00
SunRize Industries, 2959 S. Winchester Blvd. Ste. 204, Campbell, CA 95008, (408) 374-4962

❷ **TV*SHOW V2.0**
The famous special effects slide show generator is better than ever. Now it's your graphics, animation, and sound slide show generator. Performs wipes, reveals, pushes, and more. Add speech. Many features. Now supports ANIM's and digitized sound. AmigaDOS release 2 compatible. Recommended 1MB RAM, two disk drives or hard drive. Users of the original TV*SHOW can upgrade to TV*SHOW Version 2. $99.95
Zuma Group, 6733 N. Black Canyon Hwy., Phoenix, AZ 85015, (602) 246-4238

❷ **TV*Text Professional 2.0**
Produce eye-catching lettering and graphics for video titling and desktop presentations. Features full compatibility with AGA machines and graphics modes. Supports compugraphic Post Script, type I, and permits on-screen scaling, stretching, and rotation of text. Includes outline font disks, bitmap fonts disk, and special effects slide show. $169.95
Zuma Group, 6733 N. Black Canyon Hwy., Phoenix, AZ 85015, (602) 246-4238

❷ **Texture City CD-ROM Image Library Pro 100 #1**
True color 24-bit images for video, 3-D, and print. Professional quality textures include animal skins to scenics, quarry marble to metals, hand-blown glass to special effects, and more. Each image severe overscan sized and compressed in the latest JPEG compression format. Complete library on CD-ROM provides you instant access to Targa, TIFF, PCX, and IFF file formats. Over 400MB of professional images. The CD-ROM contains 13 categories with 100 completely different images in each format. 2.0 Toaster compatible. AmigaDOS 1.3/2.0 compatible. CD-ROM in ISO9660 format. $199.95
Texture City, 3203 Overland Ave., #6157, Los Angeles, CA, 90034, (310) 836-9224

❷ **Texture City Image Library Pro 15 #2 24-Bit**
Hi-res true color 24-bit images for video, 3-D, and print. Professional quality textures include animal skins to scenics, quarry marbles to metals, hand-blown glass to special effects, and hundreds more. Each image severe overscan sized and compressed in the latest JPEG compression format. Integrated decompressor and viewer utility included. Viewer lets you browse entire image library at click of button. Images may be used for video backgrounds and titling, with 3-D design and animation programs for image mapping and in-print layout programs. Set includes 15 individual full screen images in four separate categories. Totally different images than those in the

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other 24-bit sets. NTSC and PAL. Toaster compatible. Requires A500/2000/3000, 2MB min., hard disk. Accelerated machine recommended. AmigaDOS 1.3 and 2.0 compatible. $59.95
Texture City, 3203 Overland Ave., #6157, Los Angeles, CA, 90034, (310) 836-9224

Texture City Image Library Pro 15#1 24-Bit
Hi-res true color 24-bit images for video, 3-D, and print. Professional quality textures include animal skins to scenics, quarry marbles to metals, hand-blown glass to special effects, and hundreds more. Each image severe overscan sized and compressed in the latest JPEG compression format. Integrated decompressor and viewer utility included. Viewer lets you browse entire image library at click of button. Images may be used for video backgrounds and titling, with 3-D design and animation programs for image mapping and in-print layout programs. Set includes 15 individual full screen images in 11 separate categories. Totally different images than those in the other 24-bit sets. NTSC and PAL. Toaster compatible. Requires A500/2000/3000, 2MB min., hard disk. Accelerated machine recommended. AmigaDOS 1.3 and 2.0 compatible. $59.95
Texture City, 3203 Overland Ave., #6157, Los Angeles, CA, 90034, (310) 836-9224

Texture City Image Library Pro 60 #1 24-Bit
Hi-res true color 24-bit images for video, 3-D, and print. Professional quality textures include animal skins to scenics, quarry marbles to metals, hand-blown glass to special effects, and hundreds more. Each image severe overscan sized and compressed in the latest JPEG compression format. Integrated decompressor and viewer utility included. Viewer lets you browse entire image library at click of button. Images may be used for video backgrounds and titling, with 3-D design and animation programs for image mapping and in-print layout programs. Set includes 60 individual full screen images in 13 separate categories. Totally different images than those in the other 24-bit sets. NTSC and PAL. Toaster compatible. Requires A500/2000/3000, 2MB min., hard disk. Accelerated machine recommended. AmigaDOS 1.3 and 2.0 compatible. $99.95
Texture City, 3203 Overland Ave., #6157, Los Angeles, CA, 90034, (310) 836-9224

Texture City Image Library Pro 60 #2
Hi-res true color 24-bit images for video, 3-D, and print. Professional quality textures include animal skins to scenics, space images to metals, water to special effects, and hundreds more. Each image severe overscan sized and compressed in the latest JPEG compression format. Integrated decompressor and viewer utility included. Viewer lets you browse entire image library at click of button. Images may be used for video backgrounds and titling, with 3-D design and animation programs for image mapping and in-print layout programs. Set includes 60 individual full screen images in 13 separate categories. Totally different images than those in the other 24-bit sets. NTSC and PAL. Toaster compatible. Requires A500/2000/3000, 2MB min., hard disk. Accelerated machine recommended. AmigaDOS 1.3 and 2.0 compatible. $99.95
Texture City, 3203 Overland Ave., #6157, Los Angeles, CA, 90034, (310) 836-9224

V-LAN Express™
V-LAN Express is the first product in a new series of V-LAN™ compatible controllers for single-VTR applications. V-LAN Express uses the V-LAN 3.0 protocol to frame accurately control a single RS-232 or RS-422 video device for use in animation recording, presentation and authoring applications. As a single machine controller, V-LAN Express does not require a V-LAN transmitter and does not connect to a multiple machine control netwok. V-LAN Express provides frame accurate performance with all popular computer graphics and animation programs, such as, 3D Studio, TOPAS, RIO Animator and Lightwave 3D. V-LAN Express controllers are small enough to be carried with portable computers, allowing the user to conveniently control mobile animations and multimedia presentations. $795.00
Videomedia, Inc., 175 Lewis Road, San Jose, CA 95111, (800) YES-VLAN

V-LAN-CX™
V-LAN-CX is a V-LAN compatible receiver module designed to provide support for selected low-cost 'prosumer' videotape recorders and camcorders commonly used for desktop video applications. V-LAN-CX includes drivers for Control-L (LANC), Control-M (Panasonic 5-pin) and Sony VISCA devices. The V-LAN-CX features V-LAN compatibility, an optional integrated SMPTE/EBU time code reader/generator, and user changeable node addressing. V-LAN-CX is used with graphics, animation, multimedia and video editing programs to produce and edit video animations on the desktop. $795.00
Videomedia, Inc., 175 Lewis Road, San Jose, CA 95111, (800) YES-VLAN

Vermont Seasons
These disks are packed with dozens of seasonal images of Vermont as it appears through the four seasons of the year. All of the digital still-photgraphed material is in lo-res HAM. There are four three-disk sets, and with them you can travel through all of the colors of autumn, the blue-white cold of winter, the light green haze of spring, and the lush tropical warmth of summer. Useful as educational references, video backdrops, DTP fills, and as beginnings for original electronic montages. A 12-disk set. $129.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

VidGen 2.0
VidGen is a program that creates professional quality backgrounds in seconds based on your design, color scheme, and creative input. Version 2.0 features many new design options including drop shadows, full color, continuous scrolling, and shaded backdrops using included or custom symbols. VidGen was designed to save you time in creating video productions and business presentations. You create backgrounds by loading any of the standard symbols included with VidGen, one of your own symbols or brushes, or any standard clip art. Highlights, embossing, and tiling are done automatically. With VidGen's default settings you don't have to modify the background, but instant changes can easily be made using simple graphical controls. You can display the background (still or continuously scrolling) in overscan for video recording. Finally, you can save the background as a project for later reloading and modifying in VidGen, or as an IFF graphic for use with other software such as titling, paint, and presentation software packages. AmigaDOS 2.0 compatible. $99.95
Microft Software, Ltd., P.O. Box 1072, Exton, PA 19341, (215) 642-7638

Video Animation Controller
Hardware controller for serial and parallel video decks. Can be expanded to AmiLink cuts or a/b-roll editor. Works with LightWave and RGB's Animation LINK! software package. LTC time code in via nine pin or RCA. Serial vtrs $995; Parallel vtrs $1350; VITC/LTC/MTC reader generator option $500. Available in 19-inch rack or half-rack sizes. 19-inch rack option included with time code generator, extra cost without generator option. AmigaDOS 2.0 compatible. NTSC or PAL available. $5.00
RGB Computer & Video, 4152 Blue Heron Blvd. W., Ste. 118, Riviera Beach, FL 33404, (407) 844-3348

VideoDirector
A complete system for quickly and easily editing video tape, and consists of the software, a universal learning Infrared remote controller, and a serial port interface for controlling VCRs or camcorders equipped with remote, Control-L or LANC inputs. A simple push button interface makes it possible for anyone to easily assemble their favorite video-taped moments into a single smoothly recorded tape, in a fraction of the time required for manual editing. Editing features include copying, cutting and pasting of clips and groups of clips. To allow the addition of titles or graphics to video, VideoDirector will support a genlock. Will run on any Amiga with at least 512k RAM. $199.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

VideoStage Pro
Both on-screen presentations and video output are possible with VideoStage Pro. Includes animated titles, sound synching, over 50 built-in transitions, IFF backdrops and genlock controls. Remote control through modems, networks and ARexx for use with multi-site kiosk-type applications. On-screen hot spots allow for user control of show playback. Requires WB2.0 or higher, 3 Meg RAM and harddrive. NTSC/PAL. $179.95
Oxxi, Inc., P.O. Box 90309, Long Beach, CA 90809-0309, (310) 427-1227
Please see display ad insert.

Wedding A-Brushes
Roll your own animation with this collection of animatted brushes. These hi-res and med-res brushes make creation of custom animations a snap. Includes brushes from Wedding Series, and brand new ones. Some are: wedding bells, flapping birds, cherubs, cupid, spinning hearts. $29.95
Electric Crayon Studios, 3624 North 64th Street, Milwaukee, WI 53216, (414) 444-9981

ezADvideo
ezADvideo is a software product for generating time-and-temperature video displays, and is used in combination with ezAD temperature measurement hardware. ezADvideo creates its own custom screen that can be used in combination with other screens or genlocked with other video sources. The current time, temperature and date can be displayed, along with user defined text. The color and location of text can be set by the users. Any standard bit-mapped Amiga font can be used for text. Text crawl lines are available for custom messages. Requires ezAD temperature measuring hardware. $125.00
Boone Technologies, Inc., P.O. Box 15052, Richmond, VA 23227, (804) 264-0262

ts-Prompt
Professional teleprompter software. Includes 1000 scroll speeds controlled by mouse or keyboard; reverse and inverse view modes; ASCII text file imports; print option; and a clear, intuitive 'point-and-click' user interface. System requirements: Any Amiga 512K, AmigaDOS 1.3 or 2.0. $99.00
Lucky Fish Software, 4830 Briarwood, Ste. D4, Royal Oak, MI 48073-1353, (313) 288-3753

❖ *FONTS* ❖

2ManyFonts
Color fonts with a twist: 10 antialiased typefaces are filled with user's choice of 205 seamless repeating brush patterns. Chrome, wood, fire, ice, gradients, environment maps, and more. Fonts, patterns, and palettes allow over 100,000 combinations. Instructions for DPaint and Brilliance brush fill modes. Incliudes preview screens displaying all patterns. Also compatible with other font collections such as Masterpiece Antialiased. The brushes can be loaded into Profills for background patterns. 5 disk set. Requires DeluxPaint, Brilliance, or any paint program supporting brush fill or tile mode. $79.95
Mediascape, 7471 Watt Ave., Ste. 109 Dept. 333, North Highlands, CA 95660, (800) 242-1984

Anti-A
Anti-A is a font enhancement utility which produces anti-aliased fonts for use with art and video titling programs. It loads any normal Amiga fonts, as well as directly supporting WB2.04 scalable fonts. Four-level anti-aliasing is used to produce greyscale ColorFonts in sizes up to 150 point. NIne new scaled-down sizes can be produced from each font loaded. Suggested for use with DeluxePaint, Broadcast Titler, etc. Auto PAL/NTSC switch. Requires 512K min., 1MB plus recommended, one disk drive (hard disk an advantage), AmigaDOS 1.3/2.04 (can use 2.04 outline fonts). $65, £40. Available in the US from Video Design Associates; (800) 749-7266. $65.00
Zen Computer Services, 2 Silver Birch Grove, Swinton, Manchester M27 1FS, England, (011) 4461-793-1931

Broadcast Backgrounds
Five-disk set of high-quality images for use as backdrops in video productions, multimedia ap

plications, and business presentations. They are all IFF files and are 16-color hi-res, overscanned images which are compatible with any software that allows importation of IFF graphics. Broadcast Backgrounds are designed with palettes that are easy to modify and which are ColorFont compatible. There is a wide range of patterns, textures, and gradients such as brickface, granite, wood, metal, cloth, and much more. Special borders and box type backgrounds included. $44.95
Gulfgate Technologies, 7507 S. Tamiami Trail, Ste. 82, Sarasota, FL 34231, (813) 378-5477

◆❷ Broadcast Titler 2- Font Pack 2
Professional video fonts for use with Broadcast Titler 2. 10 new modern typestyles for enhanced variety. All fonts are fully anti-aliased and include 6 BT sizes with a JUMBO 115 scanline Amiga font for placement and resizing. The pack also contains special symbols and international characters. BT FP2 can be used with Super-Hi-Res and new sizes created with BT Font Enhancer. $169.95
InnoVision Technology, 1933 Davis Street, Suite 238, San Leandro, CA 94577, (510) 638-0800

Broadcast Titler Font Pack 1
Ten professional high quality typefaces in each pack. All fonts are in both anti-aliased Broadcast Titler 2 and standard Amiga formats. Amiga font sizes are 100 scanlines in height. Anti-aliased broadcast Titler 2 fonts are in various smaller sizes. Each font style contains the full 256 ASCII character set which includes special symbols and international accents. Additional sizes of Amiga fonts can be created with the Broadcast Titler 2 Font Enhancer. Fonts can be used with other Amiga Paint, Desktop Publishing, Multimedia, and Video Packages. $169.95
InnoVision Technology, 1933 Davis Street, Suite 238, San Leandro, CA 94577, (510) 638-0800

EUROFONTS VIDEO: French/Spanish/Italian
Module #2 supports Spanish, French, French-Canadian, Italian and Portugese. This is a two-part product which requires one Master Kit or the A*Vide System. Adds an extensive collection of Workbench-compatible bitmap fonts 30 to 130 pixels high in 2-6 sizes of each typeface. Toaster conversions included free. Both color and monochrome fonts suitable for paint and video applications. Includes documentation, keymaps, keycharts, and multiple diskettes. We recommend 3MB RAM or more, 6MB or more for Toaster versions. $84.95
CLASSIC CONCEPTS Futureware, P.O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

EUROFONTS VIDEO: German/French
Module #3 supports German and French. This is a Language Module from a two-part product which requires one Master Kit or the A*Video System. Adds an extensive collection of Workbench-compatible bitmap fonts 30 to 130 pixels high in 2-6 sizes of each typeface. Toaster conversions included free. Both color and monochrome fonts suitable for paint and video applications. Includes documentation, keymaps, keycharts, and multiple diskettes. We recommend 3MB RAM or more, 6MB or more for Toaster versions. $84.95
CLASSIC CONCEPTS Futureware, P.O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

EUROFONTS VIDEO: German/Hungarian
Module #4 supports German and Hungarian (Madgar). This is a Language Module from a two-part product which requires one Master Kit or the A*Vide System. Adds an extensive collection of Workbench-compatible bitmap fonts 30 to 130 pixels high in 2-6 sizes of each typeface. Toaster conversions included free. Both color and monochrome fonts suitable for paint and video applications. Includes documentation, keymaps, keycharts, and multiple diskettes. We recommend 3MB RAM or more, 6MB or more for Toaster versions. $84.95
CLASSIC CONCEPTS Futureware, P.O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

EUROFONTS VIDEO: Master Kit
This is a two-part product. First get the Master Kit which provides extensive generic documentation, utilities, and startup/installation disk for the Eurofonts collection. Then you add as many language modules as you need. The language modules include foreign fonts, keycharts and font samples. You only need one Master Kit (we did this to reduce cost and duplication). Requires at least one language module. If you already have A*Video Professional Font Sustem, you won't need this as it already includes the Master Kit. $64.95
CLASSIC CONCEPTS Futureware, P.O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

EUROFONTS VIDEO: Scandia
Module #1 supports English, Danish, Swedish, Norwegian, Finnish and Icelandic. This is a two-part product which requires one Master Kit or the A*Video System. Adds an extensive collection of Workbench-compatible bitmap fonts 30 to 130 pixels high in 2-6 sizes of each typeface. Toaster conversions included free. Both color and monochrome fonts suitable for paint and video applications. Includes documentation, keymaps, keycharts, and multiple diskettes. We recommend 3MB RAM or more, 6MB or more for Toaster versions. $84.95
CLASSIC CONCEPTS Futureware, P.O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

Fontgrabber
Fontgrabber is designed to let the user create high quality monochrome fonts for use in DTP and video work. Load an IFF screen containing your font design and simply drag out a box around each character you want to define. You then let Fontgrabber decide how the font should look. Your designs can be created with a paint program or scanned using a black and white scanner. This means that you can easily create character-based fonts such as Russian, Arabic, Chinese, etc. Even graphic shapes can be a font, e.g., chess pieces. $75.00
Genisoft, Unit 3 Poyle 14, Newlands Drive, Colnbrook, Berks SL3 0DX, England, (011) 4475-368-6000

◆❷ Hangul-Alpha 2.1
Korean word processor with tools for super high-resolution Korean video titles and desktop publishing. Features Korean/English input and output; bilingual menus; saving and loading IFF screens. Includes Han-Bit Titler, a high-resolution Korean 'titler' for paint and video programs. Also includes Soo-Un Print, which generates publication-quality text on laser and dot matrix printers. 4-disk set, with hangul keytops and Korean/English manual. Requires 1MB RAM, AmigaDOS 2.0 or higher. $129.95
Mesa Graphics, 909 East 49 1/2 St., Austin, TX 78751, (512) 452-2441

Masterpiece Anti-Aliased Font Collection
All 110 fonts from the Masterpiece Professional Font Collection have been anti-aliased and resized to multiple sizes of each font. 110 different styles—586 total fonts. Fonts have also been compressed to save space on your hard drive. Requires the ability to support Colorfonts. $199.00
ARock Computer Software , P.O. Box 731, Springfield, MO 65801, (417) 866-8803

Masterpiece Professional Font Collection
The largest collection of fonts and clip-art available for the Amiga today. 110 different fonts are included in this 20 disk set. Also included are 141 hi-res pages of border clip-art. Four disks of Colorfonts and two disks of Brushes round out the set. A must for the video professional. $199.00
ARock Computer Software , P.O. Box 731, Springfield, MO 65801, (417) 866-8803

❷ Olo Fonts Collection 1
This is a collection of the normal, colorfont-versions of the Olo Animated Fonts 1, 2, and 3 (Marmor, Glider, and Gold). They are 8 color fonts intended for hi-res. Marmor is a marble-looking, massive and impressive font in caps. Gold is a gold-looking, clear and exclusive font in caps. All fonts support most characters in German, French, Spanish, and Scandanavian. Each font comes in two sizes ranging from 108 pts to 140 pts. This collection does not contain any of the animated versions of these fonts. All the corresponding palettes are naturally supplied. Marmor comes standard in Ivory-palette with different, suitable marble palettes added. Glider comes standard in sober green & brown-palette with 6 other palettes added. Gold comes standard in fancy gold-palette with 9 other palettes added. Two disks and a thorough 24-page user manual in English included. Requires 1MB minimum. AmigaDOS 2.0 compatible. $59.95
ArtoVinjett, Byalvs v.65, S12174 Jhov, Sweden, (011) 468-649-7702

Pro Video Series Alternate Fonts (five sets)
Compatible with Pro Video Plus, Gold, and Post only. Each set contains four styles in four sizes. Each has anti-aliased files and regular font files. Easy icon installation. $59.95
Shereff Systems, Inc., 8071 SW 184th Ave., Lower Level, Beaverton, OR 97007, (503) 591-5984

Professional Font Library 4.4
Quality multidisk, general purpose English language font product. Over 60 typefaces, approximately 200 font files from 7 to 88+ pixels high, both monochrome and color fonts. Suitable for paint programs, WYSIWYG word processing, variety headlines and low-end video titling. Includes icon interface, many utilities, comprehensive 82-page manual plus 36 pages of sample printouts. 512k recommended, 2MB for color fonts. $79.95
CLASSIC CONCEPTS Futureware, P.O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

◆ SIMKAT, Package:[V] Ethnic Fonts
Simkat Ethnic fonts offer a large variety of Semitic and Non-Latin fonts in: ASSYRIAN (Syriac), ARABIC, PERSIAN (Farsi), AFGHANI, OTTOMAN (Turkish), and more, the library is expanding. These fonts are geared towards Amiga multimedia applications, they come in four different packages. Package(s): [T] for Video Toaster CG, [P] for Deluxe Paint, [R] for Rashumon WP, [V] for General Video applications. [S] for Scala, [O] for Opal Vision CG. Each package comes with an 80+ page user manual with keymaps layout and 47 key stickers. Custom font designs available. $100.00
L.C.P.S., Inc., P.O. Box 2015, Schiller Park, IL 60176, (708) 678-7183

The Cool ColorFont Collection
Colorfonts with various faces in a three-disk collection for paint programs or video. Large sizes 65-82 lines with Serif, Sans Serif, Modern, a Gold Bar, and a written font are among the various colored fonts for video. Upper and lower case. $35.00
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

Video Clipse v1
Amiga graphic enhancements for the video professional. This seven-disk set has 20 big superclean fonts, each from 100 to 160 points tall. Resize without losing clarity. Both regular Amiga and Video Toaster formats are conveniently included. Video Clipse also includes three clip-art font sets: Special Occasion Clips, Commercial Clips, and Multi-Use symbols (borders, caption balloons, etc). Also includes hi-res, overscanned, IFF backgrounds and Anim-Brushes. Fully compatible with NTSC or PAL systems, and available for foreign customers. Any Amiga model, and any paint presentation or multi-media program capable of displaying standard Amiga fonts and IFF images. $59.95
Graphically Speaking, 2574 PGA Blvd., Ste. 107, Palm Beach Gardens, FL 33410, (407) 626-3447

Video Clipse v1.1—Spanish Version
Spanish version of Video Clipse Volume 1. This nine-disk set combines all of the graphic enhancements of Video Clipse Vol.1 (20 big Amiga and Toaster ready fonts; three Clip-Art Font Sets; Backgrounds and Anim-Brushes) with two additional disks containing Spanish characters for all 20 big fonts. All accented vowels, punctuation, cedilla, tilde and dieresis. A user guide in Spanish is also included. Fully compatible with NTSC or PAL systems, and available for foreign customers. Any model Amiga computer. Any paint, presentation, or multi-media program capable of displaying

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❷ AmigaDOS release 2 Compatible *(Vendor Verified)*

standard Amiga fonts and IFF images. $69.95
Graphically Speaking, 2574 PGA Blvd., Ste. 107, Palm Beach Gardens, FL 33410, (407) 626-3447

Video Fonts II
Seventeen styles each in four sizes. All individually bit-mapped and anti-aliased. For use in programs accepting the ColorText structure. Designed for use in video but perfect for slide images. Easy icon installation. $99.95
Shereff Systems, Inc., 8071 SW 184th Ave., Lower Level, Beaverton, OR 97007, (503) 591-5984

VideoFonts
A collection of AGFA Compugraphic outline fonts for use in video titling. Available in five separate packages of three fonts each, these fonts may be scaled to any desired size and then converted to jaggie-free bitmap fonts of Toaster fonts for use with NewTek's Video Toaster Character Generator. Included with each package is VideoFont Maker, a font conversion utility. $99.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

Zuma Fonts Pack I & II
Bitmapped typefonts for use with any IFF-compatible program, such as TV*TEXT Professional, which accesses Amiga fonts. Six sizes, from 12 to 100 lines. Requires 512K RAM. ZumaFont Pack I includes Volumes 1, 2, & 3 Zuma Fonts on 3 disks. ZumaFont Pack II includes Volumes 4, 5, & 6 Zuma Fonts on 3 disks. Volume 1: Swiss, Pica, and Barn Fonts. Volume 2: Euro, Chelt, and Stencil Fonts. Volume 3: Coop, Script, and Fast Fonts. Volume 4: Deco, Devine, and Draft Fonts. Volume 5: Metro, Art, and Gospel Fonts. Volume 6: Oak, Sports, and Alps Fonts. Each pack $99.95.
Zuma Group, 6733 N. Black Canyon Hwy., Phoenix, AZ 85015, (602) 246-4238

❖ *IMAGE PROCESSING* ❖

◆❷ Art Department Professional 2.3
ADPro, winner of the 1992 Reader's Choice Award, is the best selling image processing system available for the Amiga, Version 2.3 adds direct support for the NewTek Video Toaster Framestore format, Painting through a direct connection to Deluxe Paint 4.6 and many other improvements. Compatible with all Amiga models. Four megabytes of Fast Ram required. Compatible with 1.3, 2.x and 3.x Kickstart. Some features not available under 1.3. Hard disk recommended. $295.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

Art Department Professional Conversion Pack
Adds Art Department Professional support for PICT Rendition, Sun Raster files, Targa, TIFF, and X Windows bit maps. Support for these formats goes well beyond the token support offered by other manufacturers. Nearly every variation of these file formats is supported. $90.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

❷ CineMorph
An active imagination and CineMorph will let you transform images into one another, creating uncanny illusions. Has standard Amiga-style interface, directly renders to Amiga modes, DCTV, HAM-E, and professional 24-bit devices. Has full color imaging, static or full motion morphing, single-image warping, multi-speed morphing, both spline and line methods, ability to generate/automate animations, intuition-based image windows, and AmigaGuide Help menu. AmigaDOS 1.3/2.0 compatible. Requires 3MB RAM minimum. $149.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

❷ Imagemaster v9.19
True infinite morphing capability has been added to original extremely powerful 24-bit image processing, composition, paint, and analysis software for the stock Amiga. Morphing converts one image into another by creating successive images in a sequence which take on increasingly more of the final image characteristics until transformation is complete. User now has complete control over morph process geometry and colorimetry over any desired number of automatically 'tweened' 24-bit image frames. Also available for Impulse FC24 board. Runs on any model. Requires 3MB of RAM. NTSC/PAL, AmigaDOS 1.3 and 2.0 compatible. $249.95
Black Belt Systems, 398 Johnson Road, RR-1 Box 4272, Glasgow, MT 59230, (800) 852-6442

◆ Lasergraphics LFR Driver
This driver allows any image loaded into Art Department Professional to be imaged to film using a Lasergraphics LFR or LFR Plus film recorder (LFR Personal and Mark II are compatible with ROM upgrade). Requires Art Department Professional and Commodore compatible SCSI controller with external connector. $250.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

◆ MorphPlus
The morphing/special effects used in Babylon 5, Quantum Leap, The Tommyknockers, and other productions can be part of your desktop suite. Includes morphing, ripples, and many other special effects. ADPro compatible. Kickstart 2.0 or later is REQUIRED. Four Megs of Fast RAM minimum, hard disk recommended. Compatible with all Amiga models. $295.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

The Art Department
24-bit plane image processing system for the Amiga. Using Loaders, TAD can read any image file format. Includes Loaders for IFF, Digi-View, Sculpt 4D, and Turbo-Silver. Offers 208 video modes including PAL and 4096 colors in hi-res. Super accurate digital scaling, color conversions, color separations, and other image processing functions. $89.95
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

❖ *UTILITIES* ❖

24B-24 Bit Maps- U.S.
U.S. and states gradated in full 24 bits. Excellent for Video Toaster or DCTV users. Can be easily added to any presentation so you can add titles/legends to show maps locations and point out cities in video or slides. JPeg compressed on each disk for easy retrieval. 24-bit device: Toaster, DCTV, IV24 units required for JPeg compressed files. $30.00
CeV Design;, 11 Spring St., *Reading, MA 01867, (617) 942-0209*

Animated Action Disks
Two disks of animations. ANIMs format on Amimated Intros, and ANIM brushes on Animated Spots. Wedding-type cycled motion scenes to add and edit for your video animations. DeluxePaint IV compatible. $28.00
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

Background Bits 24-Graduated Backdrops
Two disks of 24-bit graduated backgrounds already processed in greens, blues, gold, in legal NTSC colors ready for overscan use in the Video Toaster, DCTV, and any other 24-bit card or program. Boxes on disk can have pictures inserted. Requires 1MB, Video Toaster ot any other 24-bit program. $28.00
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

Beyond Backgrounds - Pro Set
Ten disks of professional-quality, high-resolution, 736 x 480 overscan 24-bit IFF images for use as backdrops in video productions, multimedia applications, and business presentations. Perfect for overlaying of titles, animations, logos, or any Amiga-generated graphic. Selections:clouds, celebrations, wedding bells, toon, trophy, tile floor, human figure, thick grid, stage; many others. Designed by Derek Grime and created using a Silicon Graphics IRIS workstation to work with the Video Toaster. Work with ImpactVision 24, FireCracker 24, DCTV, HAM-E, and any Amiga product that displays 24-bit IFF images. $59.95
FrostByte Systems, P.O. Box 98565, 873 Jane St, Toronto, Ontario M6N 5A6, Canada, (416) 769-7516

BiTPiX—Series One
These 12 (4096+) color images of Sydney, Australia and surrounds are on a two-disk set and include location details. Digitized from photographic stereo pairs, they are for use with your Haitex X-SPECS 3-D glasses. NTSC/PAL. Stereo or flat versions available—please specify. 1MB required, 2MB recommended; AmigaDOS 1.2 or 1.3. $18.00
Aztek Media Services, P.O. Box 886, Cannington, Perth, West Australia 6107, (011) 619-459-2079

BiTPiX—Series Two
These 12 (4096+) color images of Perth, West Australia and surrounds are on a two-disk set and include location details. Digitized from photographic stereo pairs, they are for use with your Haitex X-SPECS 3-D glasses. NTSC/PAL. Stereo or flat versions available—please specify.1MB required, 2MB recommended; AmigaDOS 1.2 or 1.3. $18.00
Aztek Media Services, P.O. Box 886, Cannington, Perth, West Australia 6107, (011) 619-459-2079

CVS Media Device Controllers
Industrial VTR,laserdisc, genlock and routing switcher software. Allows CLI or AREXX control of the Sony 7000 and 9000 series 3/4 inch VTR's or Panasonic VTR's with 34 pin control part and time code out. Controls Supergen or G-lock genlocks for video/audio switching. Used by CATV systems for video insertion. Uses SMPTE and Sony time code. $800.00
Computer Video Solutions, Inc., 14-B S. 7th Street, Akon, PA 17501, (717) 859-2049

Doug's Color Commander 2.0
A powerful screen utility that opens the door to shading and swapping colors in ways that have never been possible before, while greatly expanding the graphics capability of your Amiga. Includes screen grabbing and printing capabilities. Not copy protected. $49.00
Seven Seas Software, P. O. Box 1451, Port Townsend, WA 98368, (206) 385-1956

EDL Archiving Module
Allows edit decision list created with Videomedia SuperMicron to be saved and retrieved on the Amiga through the serial port. Amiga DOS 3.0 compatible. $149.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
Please see display ad p.122.

Neriki CE100 Color Coder
Lets you transfer your computer information and graphics to video at an affordable price with guaranteed performance, picture quality, and definition. Encodes output signals in color from any RGB source and sync into composite video or Y-C output. Self-powered, has loop out facility, automatic adjustment of levels and timing, more. NTSC/PAL.
Fordray Pty. Ltd., P.O. Box 1265, Orange, NSW, Australia, (011) 61-63-62-9901

On-Line Studio
On-Line Studio is a three-disk set of Professional style video backgrounds and animation for use in titling, paint and animation programs. A valuable and time-saving tool to video production work. From the Amiga Professional Tutorial series. Requires 1MB 'Fat Agnus,' 1MB RAM. $24.95
CP Productions, P.O. Box 103, St. Peters, PA 19470, (215) 265-3995

Photon Video Transport Controller
The link between graphics, animation, and video tapes. Controls external video tape frame-by-frame controllers like the Lyon-Lamb and Video Media's V-LAN systems. Designed for use with Photon Video's Cell Animator, the Transport controller will also work with other third-party software. Records 1-300,000 frames each time an image is displayed, resulting in a smooth animation sequence. Set the TC to edit short real-time

Amiga animations into longer sequence; set in/out points via keyboard or mouse; create time-lapse using the Time Lapse utility. Requires external video controller interface. $299.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Photon Video: Edit Decision List Processor
Edit decision lists can save lots of time and money. Create your list off-line, then transfer them to an on-line editing system via the serial port, or an MS-DOS compatible floppy disk. Features 999 events per-file capacity, three tracks (one video, two audio), and lists are recalculated instantly every time a change is made. Works with 30-frame NTSC, 25-frame EBU (PAL), and 24- frame film modes. $499.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

System Integrator
System Integrator will RESET the Amiga upon detection of an error condition, lock up, or even a total system crash. It is a software/hardware combination that attaches externally to the Amiga (internally for A500). It was developed initially for Cablevision companies, video presentations, and interactive multimedia displays. It is a must for bulletin board systems, ray tracing, and other applications that require the Amiga to be left running unattended. System Integrator will have you up and running again in seconds, with no human intervention. The software includes a toolkit to log errors, blank the display, and display a custom message-screen. $199.00
Pro-Tronic Systems Ltd., 720 -6th Street, #227, New Westminster, B.C., Canada V3L 3C5, (604) 290-1631

The Educator Set: School-Sports, Maps, Political
Volume 11 and Volume 6 are grouped in this set for educators who need maps and all sorts of school scenes for video yearbooks and classroom themes that can be used for a school video. A five-disk set. Requires 1MB, and a paint or video program. Political disk also included. $39.95
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

VGLD.001 Earth and Planets
Four disks containing 63 files of animations, drawings, and digitized images of Earth, the moon, other moons and planets in the solar system, and imaginary planets and moons. Includes two animations of Earth spinning in 704 x 480 4-color and 16-color, 32 digitized images and 19 drawn images in hi-res and interlace overscan, plus 10 'brush' images. Designed especially for video, this set includes a 'digital displayer' image viewer/video production utility. NTSC. $39.95
Digital Designs Group, P.O.Box 593, Whiteville, NC 28472-0593, (919) 642-6295

VGLD.002 Galaxies and Other Worlds
Four disks containing 60 files of drawings and images of galaxies, nebulas and imaginary scenes and spacescapes of moons, planets and other worlds. Companion set to Earth and Planets images. Twenty-nine hi-res overscan (704 x 480) and 24 interlace overscan (352 x 480) images. Designed especially for video production, the set includes 'digital displayer.' NTSC. $39.95
Digital Designs Group, P.O.Box 593, Whiteville, NC 28472-0593, (919) 642-6295

VGLD.003 Video Backgrounds A
Four disks containing over 130 files with 31 backgrounds for video titling, including 3-D and embossed look tiles, embossed ridges, drapes, woodgrains and woodpanels, marble slab, fiber, and more. Five backgrounds are 'Shade Me' files for DPaint III shade function. Also 97 Magic Palettes. All are 704 x 480 hi-res overscan. All VGLD sets are designed for video and include 'digital displayer' image viewer/video production utility. NTSC. $39.95
Digital Designs Group, P.O.Box 593, Whiteville, NC 28472-0593, (919) 642-6295

VGLD.004 Video Backgrounds B
Four disks containing over 160 files, 32 hi-res overscan and two interlace overscan backgrounds prepared especially for video, including marble, drapes, burlap, carpet, pebble and many embossed tiles, ridge, diamonds, and other shapes. Also special 'Shade Me' backgrounds and 127 Magic Palettes. Companion set for Video Backgrounds A. No color zero is used and backgrounds have unused palette colors for use in text and titling. NTSC. $39.95
Digital Designs Group, P.O.Box 593, Whiteville, NC 28472-0593, (919) 642-6295

VGLD.005 Birds, Up Close
Four disks containing 42 images of birds and wildfowl. Twenty-two images are in 352 x 480 32-color format and 20 images are in 704 x 480 hi-res 16-color format. All are specially prepared for video applications with no color zero, and colors are set for minimal chroma crawl and flicker. Meticulously retouched after conversion from 24-bit files produced from original photographic slides. Includes hawk, wrens, bluejays, cardinals, purple finch, evening grosbeak, woodpecker, and more. NTSC. $39.95
Digital Designs Group, P.O.Box 593, Whiteville, NC 28472-0593, (919) 642-6295

VGLD.006 Auto Racing
41 files of drawn and digitized racing art and animations. Waltrip, Petty, Gant, Martin, Elliot, more represent the best of NASCAR. SCCA, NHRA, and dirt track racing here too. 16 images in 352x480, 16 in 704x480, two brushes, two more 704x480 screens of brush objects. Four 704x480 animations: one of full-screen crossed checkered flags waving, three provide animated checkered flag wipes for video transitions using genlock. Instructions on wipes and tips for advanced techniques. NTSC. $39.95
Digital Designs Group, P.O.Box 593, Whiteville, NC 28472-0593, (919) 642-6295

VGLD.007 Scenery Backgrounds
43 files in 704x480 including 30 drawn or digitized backgrounds, 11 brushes, and 2 Magic Palettes. You get scenery like mountain vistas, lighthouses, coastal scenery, big city at night, stunningly beautiful sunsets and sunrises. Also rustic log buildings, rural scenes, city harbor, Mediterranean harbor, more. Includes Sunset Construction Kit to assemble your own sunset silhouettes from big city to hilltop cabin. Full instructions on how to get the most from the set. NTSC. $39.95
Digital Designs Group, P.O.Box 593, Whiteville, NC 28472-0593, (919) 642-6295

VGLD.008 Nature Backgrounds
31 digitized and drawn scenes from Mother Nature herself. Flowers, butterfly, clouds, water, ocean, stunning sunrises and sunsets, birds in natural settings, mountains, mill pond dam, much more. Wide variety of beautiful natural images for your graphics needs. NTSC. $39.95
Digital Designs Group, P.O.Box 593, Whiteville, NC 28472-0593, (919) 642-6295

VIDI-Mice
VIDI-Mice is a man-machine interface for the Amiga, for use in your hypermedia productions and performances. By emulating all mouse and keyboard functions, VIDI-Mice software allows you to control virtually any video, music, or paint programs from your video camera. NTSC only. LIVE! frame grabber required, Workbench 1.3 or later. $85.00
Tensor Productions, 819 Gwyne Avenue, Santa Barbara, CA 93111, (805) 683-2165

Video Visions Vol. 10 v2,0 The Illustrator-Animation Background Scenery in 24 Bits
Four-disk collection features landscapes, street scenes, and other locations to portray a backdrop for almost any type of entertainment video. Mountain scenes and roads and plain backdrop skies (gradated) are among the rendered scenery. Scenes have ultimate colors and shades workable in DCTV or Toaster for mood setting use in videos. 24-bit device: Toaster, DCTV, IV@$ units requires for JPeg compression files. $30.00
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

Video Visions Vol. 10: The Illustrator; Entertainment-Game Scenes
Scenes that have illustrative backgrounds featuring game scenes and entertainment. Use the different scenes to show country, city, or interior, exterior of buildings for constructing a scene with objects or characters, or even titles. $30.00
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

Video Visions Vol. 11: The Reporter; School-Sports
School scenes and sports geared to school videos are featured. Cheerleaders, classrooms, and scenery for schools are prevalent in this volume. $25.00
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

Video Visions Vol. 12: The Producer: Religious-Political
Religious and political scenes highlight this two-disk volume of art portraying crosses, churches, ceremonies of religious rites, and political themes typical of government, courtroom law, and other types of legal video scenes. Requires 1MB, and a paint or video program. $25.00
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

Video Visions Vol. 1: The Titler V3.0; Backdrops-Fonts in 24-bit
Includes 24-bit data compressed in JPEG format. Colorfonts I is also included to start you titling. Scenes are in overscan and show pattered overscan screens or digitized scenery of churches, etc. to add spice to any video. $30.00
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

Video Visions Vol. 2: The 3D Animator V2.0; 3-D Objects
Images and parts custom-made for 3-D and Page Flipping Animation programs with a focus toward Fantasy Animals subjects. Features objects for 3-D. Specify your 3-D Editor: 3-D Knight, Unicorn, Giants' Hand, 3-D Videocam, 3-D Globe Spin, Clouds Backdrop, Field Backdrop HAM, and Tree Backdrop, and more! Over 40 files, overscan HAM screens, and 3-D objects for your editor. Imagine, Sculpt 3D, or Lightwave supported. Two disks. Now includes wedding objects such as 3-D cake, wedding bells, etc. $25.00
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

Video Visions Vol. 3: The 2D Animator V2.0; Characters
Two disks. Images and parts custom-made for 2D Pageflip programs with a focus on Characters-Creations subjects. Features: many anims and animbrushes, butterfly animation, Rosie Rabbit animation, horse race, fence post looping background; character poses: boy run, duck snoop, duck walk, runners, eagle land, eagle fly, golfer, tiger joyful, woman leaping, horse gallop, horse prance, and more! Over 30 hi-res files. IFF format page. $25.00
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

Video Visions Vol. 4: The Videographer V2.0; Weddings
Three disks. Images and parts custom-made for Wedding/Occasions subjects. IFF Compressed Overscan for video programs. Features: borders, flowers, love, bouquets, bride, frames, scroll, lace, and more! Over 30 files hi-res overscan. Same as Videographer 1.0, only pages are extended to broadcast titler overscan 704 x 480 IFF format. $30.00
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

Video Visions Vol. 5: Broadcast Sports
Two disks. Images and parts custom made for Business/Broadcast subjects. IFF Compressed Overscan for video programs. Features: Chroma Slide overscan screens, industry, cityscape, Celtic animation, baseball/football scoreboards, 20th Century Fox logo, and more! Over 40 files hi-res overscan, 704 x 480 IFF format pages. $25.00
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

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Video Visions Vol. 6: The Educator V2.0; Maps
Four disks. Images and parts custom-made for educators with a focus on history/geography subjects. Features maps, historical sites around world: Eiffel Tower, Spanish matador, and India caravan. All maps worldwide, and U.S. maps state-wide, with over 100 files and full 16-color hi-res. $30.00
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

Video Visions Vol. 7: The Advertiser; Products and Symbols
Two disks. Images and parts custom-made for advertisers with a focus on products/symbols subjects. Features industry TV commercial pictorials. All products like 35mm cameras, video camera, disk drive, Visa/MasterCard, medical, Pepsi, Yellow Pages, and more! Over 50 files of 16-color hi-res. $25.00
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

Video Visions Vol. 9: The Video-Musician; Jingle 86-Rock scenes
Rock scenes and Animated Jingle Backdrops with a musical flair are featured on this psychedelic volume. Curtain opening, backdrops that move are featured on this volume for music video type scenics and object-musical instruments. ANIM loader required such as DPaint 3-4. $30.00
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

Video Visions Volume 8: The Videomaker;Ceremonies, Anniversaries v2.0
Now has full 24-bit color added to existing and many new ceremony and anniversary scenes. Scanned wedding church scenes and other icons of wedding bliss are illustrated with full gradations of color ready to add to a wedding or bar mitsvah video. Requires 24-bit display board, AdPro, etc. Available in DCTV or JPEG 24-bit format. NTSC. $30.00
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

Video Visions: The Animator Set; AnimAids
Includes previous Video Visions clip art bundled in a four-volume set of nine disks. Includes Volume 2: The 3D-Animator (Sculpt 3D version standard), Volume 3: The 2D-Animator, Volume 10: The Illustrator. Geared toward Animation users 2-D or 3-D. Educational in scope. Has numerous aids for the animator, as well as Animated Intros and Animated Spots. $49.95
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

Video Visions: The Studio Set
Contains all of the Vision Data packaged in one assorted collection. Video Volumes 1 to 13 and beyond. Liberal upgrade to future volumes for one year is also included in the purchase of this set, in the form of a subscription. A complete set of over 36 disks. $199.00
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

Video Visions: The Titler Set; Titler Aids
Includes previous Video Visions video clip art bundled in a four-volume set with 12 disks. Includes Volume 1–The Titler, Volume 5–The Broadcaster, and Volume 7–The Advertiser, Volume 9-The Video-Musician. Geared toward Titler users that use display video software. Has three colorfonts disks included. $69.95
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

Video Visions: The Wedding Set
Includes wedding data, Bar Mitzvah, and ceremony art consisting of data in hi-res format, 16 color, or additional 24-bit scenes for those with a Toaster or OpalVision. Animated Actions can be added at small $20 cost. There is also a religious icon disk included in the Wedding Set Plus version. $49.95
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

Wedding Bits 24
All DCTV file format for display (millions of colors, highly dimensional) on DCTV unit. Images feature full 704 x 480 rotating wedding cake, spinning heart, toasting glass, full 3-D bells ringing, silhouetted dancing bride and groom, more. All fully animated at full screen size; can be loaded with DCTV-compatible programs. Requires 1MB chip RAM, DPaint 4 for display anims, accelerator recommended. $35.00
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

❖ *MISCELLANEOUS* ❖

Eye Play 2
Player or computer builds computer art from three dozen graphic routines. With 640 x 400 and 320 x 200 resolution $19.95
Silver Software, 1922 Purchase Brook Road, Southbury, CT 06488, (203) 264-2583

Lasershow Designer 100
For 2-dimensional, single-color laser graphics. Does not include scripting features. For XY scanning laser projectors only (no blanking available). NTSC and PAL. Requires any Amiga with hard drive or two floppy drives, at least 2MB RAM, Workbench 1.3 or 2.0. $750.00
Pangolin Laser Software, 933 North Kenmore St. Ste. 317-A, Arlington, VA 22201, (703) 527-4880

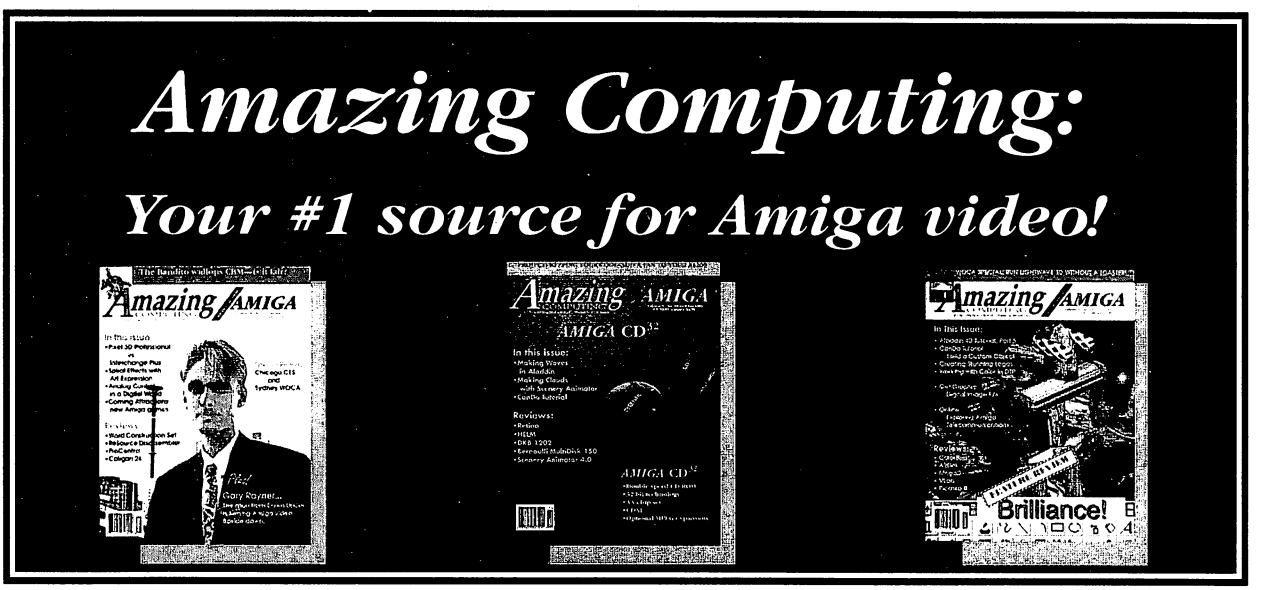
Lasershow Designer 200
For 2-dimensional, single-color laser graphics. Works with any laser scanner projector. NTSC and PAL. Requires A2500, A3000 or A4000, hard drive or two floppy drives, at least 3MB RAM, Workbench 1.3 or 2.0. $1995.00
Pangolin Laser Software, 933 North Kenmore St. Ste. 317-A, Arlington, VA 22201, (703) 527-4880

Lasershow Designer 300
Lower cost version of LD 400, for those with single-color laser systems. Create, edit, animate, and display true 3-D laser graphics. Works with any laser scanner projector. NTSC and PAL. Requires A2500 3000 or 4000, hard drive, at least 5MB RAM, Workbench 1.3 or 2.0. $3495.00
Pangolin Laser Software, 933 North Kenmore St. Ste. 317-A, Arlington, VA 22201, (703) 527-4880

Lasershow Designer 400
The most advanced laser display software available for any computer. Create, edit, animate and display true 3-D, full color laser graphics. Requires color laser projector, (available through Pangolin). NTSC/PAL versions. Requires A2500, 3000 or 4000, hard drive, at least 5MB RAM, Workbench 1.3 or 2.0. $6995.00
Pangolin Laser Software, 933 North Kenmore St. Ste. 317-A, Arlington, VA 22201, (703) 527-4880

RGB Single Frame Controller
All hardware and software needed to control a video deck for single-frame and time-lapse animation. Can easily be expanded to a full blown A/B Roll or cuts-only editor(AmiLink). Interfaces available for virtually all frame-accurate videotape recorders. Can be interfaced with AmigaVision to control virtually any professional grade videotape recorder. $995.00
RGB Computer & Video, 4152 Blue Heron Blvd. W., Ste. 118, Riviera Beach, FL 33404, (407) 844-3348

RTV
Raster-to-vector conversion program. Takes standard IFF pictures—drawn, painted, or digitized—and instantly turns them into projected laser graphics. RTV can be used by itself or as input for the Lasershow Designer programs. Requires a standard laser scanner projector. NTSC only. Works on any Amiga. $495.00
Pangolin Laser Software, 933 North Kenmore St. Ste. 317-A, Arlington, VA 22201, (703) 527-4880



Word Processing

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❖ *WORD PROCESSING* ❖ *GENERAL*

❷ Final Copy
Designed for people who need high quality printouts of personal and business documents. Combines traditional word processing features with state-of-the-art printing technology. Includes 34 outline typefaces, a 116,000-word spelling detector and corrector, a 470,000-synonym thesaurus with definitions, graphics support, automatic hyphenation, multiple newspaper style columns, ARexx port, and built-in PostScript printer driver. Outline fonts get the best possible results from a printer. Graphics can be produced in their original colors by use of 12-bit plane printing method. Workbench 2.0 and 1.3 compatible. $99.95
SoftWood, Inc., P.O. Box 50178, Phoeniz, AZ 85076, (800) 247-8330

◆❷ Hangul-Alpha 2.1
Korean word processor with tools for super high-resolution Korean video titles and desktop publishing. Features Korean/English input and output; bilingual menus; saving and loading IFF screens. Includes Han-Bit Titler, a high-resolution Korean 'titler' for paint and video programs. Also includes Soo-Un Print, which generates publication-quality text on laser and dot matrix printers. 4-disk set, with hangul keytops and Korean/English manual. Requires 1MB RAM, AmigaDOS 2.0 or higher. $129.95
Mesa Graphics, 909 East 49 1/2 St., Austin, TX 78751, (512) 452-2441

KindWords™ 3.0
Multi-featured word processor with fully integrated graphics environment enables users to crop and manipulate image size in 16 colors within the word processing application. Offers acclaimed Proximity/Merriam Webster Dictionary featuring 100,000-word spelling corrector, and Proximity/Webster Electronic Thesaurus that accepts over 40,000 words and offers 470,000 synonyms. The thesaurus helps users find the right word by presenting a list of meanings for each query, along with synonyms, antonyms, related words, and contrasted words. Multiple fonts (import any Amiga fonts). Text wraps around graphics. Workbench 1.3 and 2.0 compatible. Australian users see Australian address in Vendor Information. $124.95
Disc Company, The , 11440 San Vicente Blvd, Ste 300, Los Angeles, CA 90049, (310) 207-1600

LPD Writer
Work on several projects at once with multiple windows. WYSIWYG display, zoom feature, suspend, multiple-file editing, short-cut commands, on-line help, footers, formatting, and text enhancements. $59.95
Digital Solutions, Inc., P.O. Box 345 Station A, Willowdale, Ontario, Canada M2N 5S9, (416) 731-8775

Personal Write
Personal Write is an extremely fast word processor which is packed with unique capabilities. It features a rich set of powerful commands which let you read, edit, store, convert, compress, encrypt and print text. The user interface is very friendly and flexible. Eighty menus and hundreds of gadgets let you tailor the program to fit every need, while the default settings let the inexperienced user start working with the program right away. $49.95
Centaur Software, Inc., 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

❷ ProWrite 3.3
This word processor has just gotten better. New features have been added like print preview, automatic text flow around graphics, vertical rulers, password protection, picture naming and searching, more. Also has Hotlinks support so you can interchange your documents with other applications for integrated word processing and DTP. AmigaDOS 2.0 compatible. $99.95
New Horizons Software, Inc., P.O. Box 164260, Austin, TX 78746, (512) 328-6650

❷ QuickWrite 1.1
Entry-level word processor. The ideal word processing solution for single drive systems. Requires only 512K of memory. Some features include a 50,000-word dictionary, mail merge, WYSIWYG display, fully customizable, compatible with ProWrite and Professional Page DTP program. Perfect for all simple word processing needs. $75.00
New Horizons Software, Inc., P.O. Box 164260, Austin, TX 78746, (512) 328-6650

Rashumon DTP 2.0
Rashumon DTP has all the features of Rashumon GR plus full graphic support. You can add IFF brushes to the document, move (in real time), copy, paste, and delete them. Save IFF option can also be used for highlighted text. Get brush palette. It is multi-lingual, including right-to-left languages. Has complex wordwrap routine that can wrap multi-lingual text. Includes Scala link option. Supports NTSC and PAL (Auto Adjust), up to four keymaps can be used simultaneously. 1MB required, 1.5MB suggested. Color printer recommended. $200.00
HarmonySoft, 69 Jabotinsky Street, Givatayim, Israel 53319, (011) 972-331-5967

❷ Rashumon GR 2.0
Rashumon is a multi-lingual graphic word processor which contains English, Hebrew, Arabic and Russian. Rashumon supports multiple fonts, including proportional spacing. It also has fast scrolling and editing speed. Rashumon is user friendly having a graphic intuitive user interface. It can have up to eight colors in one document which can be selected from 4096 options by Palette Requester. This word processor also has full math support, a Data Base and a Save IFF option. You can highlight simultaneously any number of document parts for manipulation. It can also read text for you. Supports NTSC and PAL (Auto Adjust), up to four keymaps can be used simultaneously. 1MB required, 1.5MB suggested. Color printer recommended. $150.00
HarmonySoft, 69 Jabotinsky Street, Givatayim, Israel 53319, (011) 972-331-5967

SoftFaces
A multiple-volume collection of high-quality outline fonts that can be used in Final Copy. These typefaces will produce excellent-quality output on both graphic and PostScript printers. Each volume contains 25 typefaces licensed from well-known type foundries such as International Typeface Corporation (ITC) and Letraset. These typefaces have been designed by world-famous designers, and are used worldwide in a variety of aplications. $99.95 per volume. $99.95
SoftWood, Inc., P.O. Box 50178, Phoeniz, AZ 85076, (800) 247-8330

Thinker 2.2
CD-ROM ready, sophisticated hypertext system that combines word processing and outline processing with Hypertext. Its editing, outline, and database capabilities make it an excellent tool for creative writing, on-line documentation, planning and design, small business databases, and computer-aided education. Documents containing multi-styled and multi-colored text and images link to other documents, pictures, and applications. Click on word or phrase and check a reference, view a picture, or launch Workbench or CLI application and control it with ARexx. Release 2.2 adds mixed fonts, print formatting, links to sound files and support for externally processed links. Multimedia without programming! A complete desktop work environment. $80.00
Poor Person Software, 3721 Starr King Circle, Palo Alto, CA 94306, (415) 493-7234

TransWrite 2.0
A major replacement for Transcript. TransWrite 2.0 has a new look, with international-style requesters and user-configurable custom screens in addition to the normal workbench mode. It now has document analysis, and new mark and type text editing. Improvements include greater control over find and replace, spell checking as you type, automatic control over widows and orphans, full formatting control including headers, footers, and page numbering. A new utility, RecoverTW, can usually recover a document even if another program crashes and causes a system reboot. Also added is mail-merge and automatic index creation. $69.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

Wordworth 2
Graphical word processor which supports genuine Agfa compugraphic fonts (10 supplied); works with any Amiga font, including internal printer fonts (over 400 supported), PostScript and Color Fonts. Features include: Multi-columns, Indexing, Table of Contents, Bookmarks, Tool Bar, Hot Links, Endnotes, Sorting, Mailmerge, Spell checker, Thesaurus, Hyphenation, Multiple Document and Graphic File Support, Glossary. PAL/NTSC. German and English. Requires 1.5MB min, Workbench 1.3/2.0. $180.00
Digita International Ltd., Black Horse House, Exmouth Devon, EX8 1JL England, 011-44-395-270-273

❖ *FONTS* ❖

Personal Fonts Maker
Personal Fonts Maker is an excellent, comprehensive tool for designing and processing both printer and screen fonts. Standard Amiga fonts and fonts created with Personal Fonts Maker can be transferred to a printer's memory and printed at maximum quality and speed. This program offers you complete control over printed fonts. $99.95
Centaur Software, Inc., 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

SuperFont Sampler 3.0
On a budget? Want a good collection of word processing/paint fonts, but don't need really big ones, or color ones? This version of SuperFont Sampler includes small and medium fonts from Professional Font Library. Great starter package with no compromise in quality. Three diskettes, utilities, two manuals. Over 60 font files, about 25 typefaces from seven to 34 lines high. 512K RAM. $44.95
CLASSIC CONCEPTS Futureware, P.O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

◆ New Product Listing
❷ AmigaDOS release 2 Compatible *(Vendor Verified)*

Word Processing

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❖ *INTEGRATED SYSTEMS* ❖

Pen Pal
Color WYSIWYG word processor, built-in database, form generator, with great user interface. Multiple fonts. Line/box/border drawing. Imports, resizes, crops any IFF or HAM pictures. Spelling checker with 100,000-word dictionary. The built-in database can be used for customer lists, student files, accounting, and more. Also sorts, selects, and merges with your documents. Requires 1MB RAM, two disk drives or hard disk, Preferences-supported printer. $149.95
SoftWood, Inc., P.O. Box 50178, Phoeniz, AZ 85076, (800) 247-8330

Professional Calc 2.0
This version supports AGA chipset for 256-color display on Amiga 1200 and 4000. This professional business spreadsheet and graphics package offers powerful features and an intuitive interface. It features over 125 statistical, trigonometric, financial and user-definable functions; it also supports ARexx. For fast access to commonly-used functions, the user interface features a graphical control panel. Add multiple fonts and colors, define style tags, generate 2-D and 3-D bar graphs, pie charts, line, column x-y scatter, and area graphs. Take advantage of the onscreen color dithering and special text effects such as embossed, extrude, and drop shadow. Professional Calc also imports several other business software packages and saves charts and graphs as IFF bitmaps, Professional Draw clips, Aegis Draw Plus clips, and EPS files. $199.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

❖ *SPELL CHECKERS* ❖

Foreign Language Dictionaries for ProWrite
German, French, and Swedish dictionaries for use with ProWrite graphic word processor. The German dictionary contains 85,000 words, while the French version contains 130,000 words, and the Swedish version contains 150,000 words. $35.00 each. $35.00
New Horizons Software, Inc., P.O. Box 164260, Austin, TX 78746, (512) 328-6650

Promise
A 95,000-word spell checker with spell help, punctuation. $49.99
Other Guys, The , 297 E. 200 N., P.O. Box H, Logan, UT 84323, (801) 753-7620

Proper Grammar
Proper Grammar utilizes the Houghton Mifflin CorrecText Grammar Correction System, a powerful expert system that uses context-sensitive rules of grammar to analyze writing and to detect and correct errors in syntax, usage, punctuation, spelling, and style. It is the first and only interactive language-aid system on the Amiga that corrects documents by identifying the grammatical function and relationships among words. It detects 95% of all writing errors. Use with your wordprocessor. Open, check, edit, and save WordPerfect, ProWrite, QuickWrite, Pen Pal, excellence!, TextCraft Plus, KindWords, TransWrite, Scribble!, and ASCII files. $99.95
SoftWood, Inc., P.O. Box 50178, Phoeniz, AZ 85076, (800) 247-8330

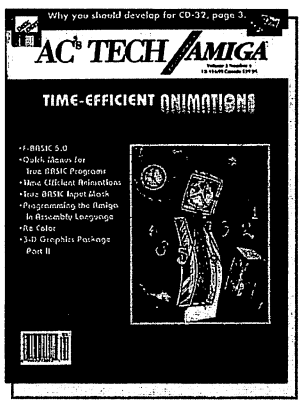
❖ *UTILITIES* ❖

Reason
Analyzes writing style and readability, proofreads spelling, diction, punctuation, and then suggests improvements. $395.00
Other Guys, The , 297 E. 200 N., P.O. Box H, Logan, UT 84323, (801) 753-7620

SIGH-dex®
You've created that document; now add an index. Works with any ASCII file. ProWrite support in version 2.00A. LaTex support; produces LaTex index already formatted for inclusion in your LaTex file. Includes manual, ARexx macro for automatic phrase file generation in ProWrite, and example files. Complete ARexx support in version 2.00A. For all Amigas. NTSC/PAL. Requires 1MB, hard drive recommended. $49.95
Software Industry & General Hardware (SIGH), 677 B Main St, Ramona, CA 92065, (619) 788-0447

◆ **TextReader**
An ASCII/ANSI text reader supporting: sounds, soundtracker mods, IFF pictures, programmable bookmarks, Hyper pictures, limited ANSI support, complete command set for document design, multitasking; sleep option to unallocate grahic resources, load paletts, external dos comand calling, color cycling, auto load w/last place recall; multimedia program for educational documents, slideshows, visual dictionaries, story books, etc. 2 disk set includes over a dozen examples $8.95
Mike Hurt Software!, 8608 Cotswald Dr., Louisville, KY 40258, (502) 937-3688

TECH IT OUT!



AC's TECH for the Commodore Amiga provides the Amiga user with valuable insights into the inner workings of the Amiga. In-depth articles on programming and hardware enhancement are designed to help the user gain the knowledge he needs to get the most out of his machine.

AC's TECH is the most comprehensive technical magazine available for the Amiga. No Amiga user should be without this magazine in his or her software collection.

For more information, call
1-800-345-3360

Desktop Publishing

❖ DESKTOP PUBLISHING ❖ GENERAL

AmigaTeX
Sophisticated typesetting software. Set of 14 disks with full TeX functionality, ARexx compatibility. Fully supports IFF and PostScript graphics and PostScript fonts. Includes TeX, preview, iniTeX, metafont, inimf LaTeX, SliTEX, and BibTeX. Supports PostScript fonts and graphics, and IFF/ILBM graphics. Over 1500 previewer fonts. Free demo disk. $200.00
Radical Eye Software, P. O. Box 2081, Stanford, CA 94309, (415) 322-6442

ComicSetter
A complete comic generator for the Amiga. Bitmap and structured graphics, layering tools, automatic text balloon generation. Includes clip art, fonts. Prints in B&W or color. $69.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

❷ **ExpertDraw**
Vectored (structured) drawing package offering full Bezier drawing facilities, color blending, distortion, rotation, auto trace, and metamorphosis. Import ProDraw clips and Aegis 2000 drawings. Export clips and PostScript files. Full RGB and CYMK color control and color separation. NTSC/PAL compatible. Requires 1MB for all Amigas. AmigaDOS 1.3 and 2.0 compatible. $99.00
Genisoft, Unit 3 Poyle 14, Newlands Drive, Colnbrook, Berks SL3 0DX, England, (011) 4475-368-6000

PROClips
A set of structured clip art suitable for use with Professional Page, Expert Draw, etc. Over 100 objects including computers, maps, promotional sticker designs, international road signs, domestic appliances, etc. Most are in full color. $19.00
Genisoft, Unit 3 Poyle 14, Newlands Drive, Colnbrook, Berks SL3 0DX, England, (011) 4475-368-6000

❷ **PageStream 3.0**
PageStream 3 is a completely new version of the #1 desktop publishing program. Adding a comprehensive list of features that users have requested, PageStream 3 surpasses its competition. PageStream 3 is the ideal program for any desktop publishing project. It can be used to write letters, produce high-end color separations and publish complex books with multiple sections and chapters. The new trapping and plate control features makes PageStream 3.0 a leader in the emerging pre-press field. PageStream 3 offers an incredible array of document formatting features. Autokerning and auto-hyphenation have been added, and text styles are configurable, including changing the shadow type and offset, and the underline method. The tab feature allows left/center/right alignment on any character, and dot leaders (filled tabs) can be made with any character. PageStream 3.0 adds PANTONE support, ARexx and the ability to translate Professional Page documents. The PageStream 3.0 publishing system comes with the PageLiner 2.0 text editor and the BME 2.0 bitmap editor. These programs are linked to PageStream with the included HotLinks 2.0, the Amiga data exchange standard. Requires WB 2.0 or greater, 2 Mb of RAM and a hard drive. $395.00
Soft-Logik Publishing Corporation, 11131 S. Towne Sq. Ste. F, St. Louis, MO 63123, (314) 894-8608

Pagesetter 3
PageSetter 3 includes everthing you need to start creating your own newsletter, flyers, resumes, invitations, and more! The Page Layout, Word Processor, and Paint Programs are all Hot Linked for maximum creativity and ease of use. And AGA chip support lets you display 256 colors on the screen with an Amiga 1200 or 4000. $99.00
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

Pelican Press
Pelican Press lets you create giant posters, colorful banners, flyers, newsletters, cards, calenders, wrapping paper and more. Includes a full-featured paint program allowing you to create your own art or customize ours. Print in color or black and white. Print in a variety of sizes, from miniature to monumental. Amiga 500,1000,2000 series,3000. Requires 512K, 1MB rec. $89.95
Toucan Software, A Division of Queue Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

Professional Page 4.1
New version supports AGA chipset for Amiga 1200 and 4000. New features include double page spreads, user definable zooms, font preview and definable letter pair kerning. Incorporates more than 30 automatic functions (Genies) to completely automate most of the routine page layout and desktop publishing tasks. You can use ove 300 ARexx commands to create you own Genie functions such as hot links to datbases or spreadsheets, batch printing, automatic graphic sizing or placement. Imports a variety of cross platform graphic file formats. Includes hot-linked grpahics editor and text editor with spell checker. Other features include undo button, enhanced color sparation and under color removal algorithms, auto-titling for output of larger pages, and text import filters for word processors including ProWrite, Excellence, and QuickWrite. Includes seven AFGA Compugraphic scalable outline typefaces. Supports Adobe Type 1 fonts; all fonts can be scaled in .125-point increments. Workbench 2.0 and 3.0 compatible. Requires 2MB RAM and hard disk drive. $295.00
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

◆ **Soft-LogiK Graphic Library: Amiga Computer Art**
Amiga Computer Art contains over 50 full-color illustrations of Amiga computers and related equipment. The realism of these drawing is stunning. The subjects range from the Amiga 1000 to the Toaster WorkStation and include a hard drive card, genlock, HP printers, PCM card, handheld and flatbed scanners, and much more. The illustrations are stored in Adobe Illustrator 88 EPS format which can be printed to PostScript printers. With PageStream 3 they can be printed to any type of printer. Amiga Computer art is available for Amiga computers on double-density 3.5' disks. $67.00
Soft-Logik Publishing Corporation, 11131 S. Towne Sq. Ste. F, St. Louis, MO 63123, (314) 894-8608

Soft-Logik Graphic Library: 3D Flags of the World
3D Flags of the World contains over 190 full-color flags of countries and international organizations. The flags have beveled edges which give them a unique 3D appearance. The bevels can be removed in a compatible illustration program to create normal flags. The flags are stored in Adobe Illustrator 88 EPS format which can be printed to PostScript printers with a page layout, word processing or illustration program. With PageStream 3 or Art Expression they can be printed to any type of printer. 3D Flags of the World is available for Amiga, Macintosh and PC computers on double-density 3.5' disks. $67.00
Soft-Logik Publishing Corporation, 11131 S. Towne Sq. Ste. F, St. Louis, MO 63123, (314) 894-8608

The Publisher
Provides all components of sophisticated desktop publishing system. Generate hi-res Linotronic masters with up to 256 shades of grey at 2540 dpi. Includes advanced PostScript printer driver. Compatible with 68010, 20, 30, 40 accelerators; 68881, 68882 math co-processors; all Preferences printers. Direct support for thousands of Mac, IBM-PC PostScript fonts. Style tags store point sizes, typefaces, margin settings, more. Text rotation, nonrectangular text boxes, graphic rotation. Import IFF, DR2D, EPS, HAM, 8-bit, 24-bit, other graphics formats. Built-in drawing tools. NTSC/PAL. Workbench 1.3/2.0 compatible. Requires min 1.5MB, two disk drives or one disk drive plus hard disk. English/French/German versions. Note Australian address in Vendor Information. $99.95
Disc Company, The , 11440 San Vicente Blvd, Ste 300, Los Angeles, CA 90049, (310) 207-1600

◆ **The Stylus ProPak**
ProVector™ structured drawing. Major update, interface-lift adds masks, blending, skewing, mirroring, warping, perspective; Lightwave, Adobe Illustrator, HP-GL formats. Improved gradient fills, text. Suports AGA chipset; standard file, screenmode requesters; public screens, ARexx, AmigaGuide, multiple undos, layers; IFF-ILBM, PostScript, EPS, Preferences. PSImport™ module for editing PostScript. Now supports text, gradient fills, masks. StylusTracer™ module features accurate, efficient auto-tracing, image-processing, touch-up tools to prep bitmaps. Loads IFF-ILBM, TIFF, GIF. Requires 2Mb of RAM, DOS 2.04 or greater. HD recommended. $199.95
Stylus, Inc., P.O. Box 1671, Fort Collins, CO 80522, (303) 484-7321

◆ **TypeSmith**
TypeSmith 2.0 is a must-have program for all desktop publishing users. TypeSmith 2.0 can load, save, edit and generate bitmap screen fonts. For the first time, users can create bitmap fonts from scratch manually or choose Generate Bitmap to automatically create bitmap versions of an existing outline font. Bitmap font support is a great way to improve outline font display speed. TypeSmith 2 loads hints in fonts created by other programs, and will save them without changing them. It can also generate hints for new or modified fonts, and can convert PostScript hints to the Itellifont format. TypeSmith 2.0 is an indespensable program. Requires WorkBench 2.0 or higher 1 Meg of memory and a floppy drive. $199.95
Soft-Logik Publishing Corporation, 11131 S. Towne Sq. Ste. F, St. Louis, MO 63123, (314) 894-8608

❖ DRAWING PROGRAMS ❖

DesignWorks
Structured drawing package. When only a drawing can be used to get the idea or concept across, then it's time to use DesignWorks. A structured drawing program created to fit directly into the New Horizons product line and to allow the user to illustrate a concept or idea graphically and quickly in a visual way without becoming a draftsman or an engineer. $125.00
New Horizons Software, Inc., P.O. Box 164260, Austin, TX 78746, (512) 328-6650

❷ **Professional Draw 3.0**
Professional Draw 3.0, a structured drawing and graphics design and tool, includes a dynamic hot link to ProPage 4.1. Professional Draw 3.0 also includes over 30 time-saving Genie functions. Professional Draw 3.0's proprietary object manipulation algoriths can also blen any tow ovjects, by automatically drawing extra transitional images. Other enhancements since version 3.0 include improved text handling, improved color separations, and an improved auto-trace utility. Images output to the highest resolution of your 9- or 24-pin dot matrix, InkJet, LaserJet, or PostScript

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printer. Requires 2MB RAM and Hard disk drive. $199.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

◆ **Ultimate DTP Bundle**
Include Professional Page 4.1 and Professional Draw 3.0. $494.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

❖ *CLIP ART* ❖

AMIzoo
Made expressly for DTP use (though these brushes also work well as video components), these 8- and 16-color hi-res brushes are the first of dozens of volumes to follow. The first three disks focus upon Frogs, Fish, and Birds. Each disk is packed with images, and the brushes are deftly cut out of their backgrounds, guaranteeing clean placement on the printed page, and options as to overlapping in both DTP and video use. They can be used with any Amiga paint program that accepts hi-res IFF's. Three disks. $34.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

Art Gallery I & II
Supplemental clip art for PrintMaster Plus with 140 graphics, mixed themes. $39.95
Unison World, 1321 Harbor Bay Parkway, Alameda, CA 94501, (510) 748-6670

Art Gallery: Fantasy
Fantasy theme supplemental clip art for PrintMaster with 120 graphics. $29.95
Unison World, 1321 Harbor Bay Parkway, Alameda, CA 94501, (510) 748-6670

ArtisticCLIPS
Clip art structured for use in Professional Page, PageStream, or Saxon Publisher. Includes manual showing all the images, with hints on using them for desktop publishing. Images contain high level of detail, and have realistic colors chosen to produce optimum results when printed using either black and white or color printers. Many clips contain shadings and gradients, and produce excellent results when color separated. Clips are suited to both hobbyists and professionals, and will print to maximum resolution of your printer, whether dot matrix or hi-res imagesetter. ArtisticCLIPS are intended for wide range of applications, from magazine ads and newsletter fillers to logo design. Volume 1 contains individual objects, $41.95. Volume 2 contains complete scenes, $44.95.
Artistic Software, Inc., 55 Selwyn Place, Kanata, Ontario, Canada K2K 1P1, (613) 591-6039

CanDo Buttons
This kit provides excellent button and icon clip art to the countless people who use multimedia presentation systems and software authoring systems. Included are dozens of buttons and icons depicting frequently-used features in Amiga software—mouse, music, videodisc, clock, printer, etc. Also included are several versions of generic buttons such as circles, rectangles and arrows. All buttons included in medium-res and hi-res. Four disks. $59.95
INOVAtronics, Inc., 8499 Greenville Ave., Ste. 209B, Dallas, TX 75231, (214) 340-4991

Color Clip Art Vol.I-General
More than 200 color bitmapped images in Amiga IFF (ILBM) format for use in paint, desktop publishing, hypermedia, etc. Includes 20-page manual with instructions, index, and a printed sample of each image. Hi-res images. $34.95
Software DesignsO. Box 2521, West Columbia, SC 29171, (803) 951-6366

Color Clip Art Vol.II-Holiday
Color, bitmapped images on Christmas theme. Includes 'tree decorating kit,' a 'nativity construction kit,' and an assortment of full-screen pictures especially for making greeting cards. $34.95
Software DesignsO. Box 2521, West Columbia, SC 29171, (803) 951-6366

Color Clip Art Vol.III-Animals
Color, bitmapped images in 10 categories of animals–most anti-aliased, realistic; for use in paint, DTP, hypermedia, etc. Includes a 16-page manual with extensive instructions and a printed sample of each image. Hi-res images. $34.95
Software DesignsO. Box 2521, West Columbia, SC 29171, (803) 951-6366

Color Clip Art Vol.IV-General
Color, bitmapped images–the most requested ones by owners of Volumes I-III. $34.95
Software DesignsO. Box 2521, West Columbia, SC 29171, (803) 951-6366

Comic Art-Funny Figures
Professionally-drawn clip art for ComicSetter featuring looney-toon-style figures, backgrounds, and props. Can be used with any IFF program. $34.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

Comic Art-Science Fiction
Science fiction clip art Comic Setter with body parts, backgrounds, and props. Can be used with any IFF program. $34.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

Comic Art-Super Heroes
More clip art for Comic Setter. Two-disk module features Super Heroes. Can be used with any IFF program. $34.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

◆ **Freezeframe Scanned Art**
High-quality scanned 24-bit color, 8-bit gray scale, and b&w art. Artwork by masters like Van Gogh and Rembrandt, contempory artisst like Rockwell, Esher, and Picasso. Landscapes too! Also offering borders and fonts in styles from Egyptioan to Art Deco. Material suitable for grpahic, video or DTP applications. Provided as large superbitmaps, most over 2000 x 2000 pixels, in IFF, JPEG, and GIF files on Amiga or PC media. Call for free catalog and sample disk! (FreezeFrame Productions, c/o IHD Global Computer Center). $29.95
IHD Global Computer Center, 205 8th St., National City, CA 91950, (619) 477-2368 BBS

LogoLibrary™
Consists of over 1060 images for desktop publishing. Included are over 600 printer's logos for business advertising, stationery, etc. There are also 460 symbols and graphics for charts, posters, shirt designs, signs, etc. All images are hi-res 300 dpi graphics in .IMG format for PageStream and TouchUp. Six disks and 72-page directory. $39.95
Sterling Connection, The , P.O. Box 4850, Berkeley, CA 94704, (707) 823-5500

◆ **Madrigal Architectural Collection Desktop Publishing**
Comes in Dr2D of Illustrator formats. Collection contains room objects in plan view of windows, doors, walls, bay windows, fireplaces, stairs, kitchenm, bath fixtures, premade assembled bath and kitchen room modules. The Interior design section contains furniture objects for bedrooms, dining rooms, living rooms, office/dens and game rooms. $59.95
Madrigal Designs, P.O. Box 2292, Santa Rosa, CA 95405, (707) 539-5675

Pro-Quality Clip Art PGS. Struct.#1
Pro-Quality Clip Art, 100% PageStream compatible structured drawings. Aegis format. Includes symbols, holidays, U.S. map, and airplanes. One disk. No jaggies. $19.95
Hi! Tech News, 86 Lanvale Avenue, Asheville, NC 28806, (704) 252-4933

Pro-Quality Structured Airplanes V1
Over 70 Aegis-format, structured drawings of early and modern airplanes–from the Fokker to the F14, with 100% Professional Page compatibility. No jaggies. $19.95
Hi! Tech News, 86 Lanvale Avenue, Asheville, NC 28806, (704) 252-4933

Pro-Quality Structured Collection #1
Aegis format, structured drawings. Symbols V1, cartoons V1, Holidays V1, U.S. and World Maps, with 100% Professional Page compatibility. Five disks, 300 drawings. No jaggies. $99.95
Hi! Tech News, 86 Lanvale Avenue, Asheville, NC 28806, (704) 252-4933

Pro-Quality Structured Collection #2
Aegis-format, structured drawings. Symbols V2, cartoons V2, Sports V1, and Animals V1, with 100% Professional Page compatibility. Five disks, 450 drawings. No jaggies. $99.95
Hi! Tech News, 86 Lanvale Avenue, Asheville, NC 28806, (704) 252-4933

Pro-Quality Structured PreHistoric Animals
Twenty-four Aegis format, structured drawings of prehistoric creatures, with 100% compatibility with Professional Page. No jaggies. $19.95
Hi! Tech News, 86 Lanvale Avenue, Asheville, NC 28806, (704) 252-4933

Professional ClipArt Vol.1
Structured clipart for the Commodore Amiga, for use with desktop publishing and structured art programs, like Professional Page, Professional Draw, PageStream 2.1. Includes images on Australian themes. $49.00
Desktop Utilities, North American dist: Consultron, P.O. Box 3053, Manuka, ACT 2603, Australia, (011) 616-239-6658

Professional ClipArt Vol.2
Structured clipart for the Commodore Amiga, for use with desktop publishing and structured art programs, like Professional Page, Professional Draw, PageStream 2.1, Structures collection, Included in Vol.2, contains Sydney Harbour Bridge, Sydney Opera House, and New Parliament House, Canberra. $49.00
Desktop Utilities, North American dist: Consultron, P.O. Box 3053, Manuka, ACT 2603, Australia, (011) 616-239-6658

SilverClips
SilverClips is a unique gallery of black and white IFF images from Creative Focus. Two disks, with a total of 18 original hi-res graphics, provide unusual perspectives on the urban landscape and beauty in unlikely places. The photographic-quality pictures are compatible with any Amiga paint, image processing, video, or desktop publishing program. $30.00
Creative Focus, P.O. Box 580, Chenango Bridge, NY 13745-0580, (607) 648-4082

Structured Clip Art #1
One full disk of Structured Clip Art for use in ProPage, ProDraw and PageStream 2.1. No Jaggies! These clips are black and white and can be easily edited or colored using ProDraw. Disk One contains Electric Guitars, Skulls, Tropical Fish, World Peace, and Sportsmans Clips. $17.50
Lazer Tech Ink, P.O. Box 9471, Anaheim, CA 92812, (714) 996-2861

Structured ClipArt
Dozens of pieces of full-color, high-resolution, professionally drawn artwork that you can use to illustrate and enliven your publishing. The clipart covers a wide variety of topics: holidays, food, business, sports, figures, universal signs, maps, and more. $59.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

The Super Sample Disk
Includes samples of both Aegis-Format Structured Drawings and IFF hi-res MultiScreens. Decide yourself which format is best tailored for your project—DTP, DTV, bitmap graphics, etc. $6.00
Hi! Tech News, 86 Lanvale Avenue, Asheville, NC 28806, (704) 252-4933

◆ **The World Symbol Library Vol 8**
Egyptian full color splendor #1. $44.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

The World Symbol Library Volume 1
Volume 1 contains: A) Egyptian Line Art & Grayscale; B) Egyptian Line Art, Halftones, and HAM, and C) Celtic 300 dpi Line Art. The world is full of mystic and sacred visual symbols. Some are common to the cultures that have created them, while others remain arcane. With this growing library of 200 and 300 dpi symbols, as well as grayscale images and others in full color, Amiga users will have a chance to increase the visual attractiveness and impact of their DTP works, as well as to integrate these symbols with video projects. There is no end to their usefulness, and no serious Amiga DTP library should be without them. Three-disk set. $44.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

◆ **The World Symbol Library Volume 10**
Sexual symbolism has a long history of ritual in every culture.On five disks. (Must be 18 or older. Proof of age required.) $99.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

◆ **The World Symbol Library Volume 11 Medieval Symbols**
Some of the most unusual and mystical symbols were created in the medieval ages. $44.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

◆ **The World Symbol Library Volume 12 African Symbols**
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♦ New Product Listing
❷ AmigaDOS release 2 Compatible *(Vendor Verified)*

Music

❖ *MUSIC GENERAL* ❖

A-Sound 2.0
A-Sound 2.0 is a powerful, low-cost monophonic sound editor for the Amiga. It sports a friendly, intuitive interface, a full-featured set of editing tools, and over 20 special effects that can be applied to sound samples. A-Sound 2.0 also provides a total of 16 individual sound buffers (tracks) for sample editing. For sound sampling, it supports any PerfectSound or compatible digitizer, including PerfectSound 3.0. Amiga 500, 1000, 2000-based, 3000 with 512K. AmigaDOS 2.0 compatible. NTSC/PAL. $29.95
Deltaware Products, 3148 Kingston Rd., Ste. 202, Box 395, Toronto, Ontario, Canada M1M 1P4, (416) 431-2047

A-Sound Elite
A-Sound Elite is a stereo audio sample editor with powerful features. It provides 32 editing buffers (tracks), sequenced loop creation, record-to-disk, ARexx support with over 100 ARexx commands, precision editing (to 1/1000 second), over 20 special effects, an Undo command, and multi-octave/multi-track sonix and IFF instrument saving, and high-speed recording/playback (up to 100 Kbytes /sec). AmigaDOS 2.0 compatible. NTSC/PAL. Requires 1 Mb RAM, 2 Mb+ and hard drive recommended $89.95
Deltaware Products, 3148 Kingston Rd., Ste. 202, Box 395, Toronto, Ontario, Canada M1M 1P4, (416) 431-2047

Aegis Sonix
Combine instruments, sampled sounds, and digitized AudioMaster files. On-screen musical editing lets you see each note as it's entered on the staff. Has built-in MIDI controller. Supports eight MIDI voices with up to 32 channels and 16 MIDI patches for each channel, or four Amiga voices and four MIDI voices. Saves files in IFF or RFF formats. Use pre-programmed instruments or create your own using the Sonix synthesizer. $79.95
Oxxi, Inc., P.O. Box 90309, Long Beach, CA 90809-0309, (310) 427-1227
Please see display ad insert.

Bars&Pipes Professional 2.0
Bars&Pipes Professional's state-of-the-art sequencing features include an unlimited number of tracks and notes; merge and overwrite recording; automated mixing; notation editing and score print-out; automatic transposition; graphical song construction; graphical tempo mapping; event list, hybrid, notation, and piano roll editing; algorithmic composition; rhythmic generation; loop-mode recording; guitar tablature; slide show presentation; Toaster control; ARexx control; SunRize Tools; SMPTE display; open-ended architecture design; and more. $429.00
Blue Ribbon SoundWorks Ltd.,The, Venture Center, 1605 Chantilly Dr. Ste. 200, Atlanta, GA 30324, (404) 315-0212

Composer Quest
Composer Quest offers a revolutionary, interactive, and fun way to learn music history through the work of the great composers, from 1600 to the present. It can be used as a game or a learning application. The program cross-references important developments in world history, visual art, and sociological change. Composer Quest features 75 digitized 'sound samples' of original performances of some of the greatest musical works ever composed and recorded. It requires a hard disk to install. See CDTV section also. $199.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

Copyist Apprentice
Music printing and scoring program prints five pages of music on a dot-matrix printer. $149.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

◆ Copyist Companion
Copyist Companion is a utility that converts Deluxe Music files directly into Copyist files. The program combines the strong points of both programs. the conversion is easy and it effectively allows you to use Deluxe Music as your composition tool. When you are ready to print, convert your DMCS file into a file that you can print using the high quality Copyist printer drivers, including PostScript and EPS (Pro-DTP only). You can even load the file in the Copyist for page formatting and editing before you print. $40.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

Copyist DTP
Music printing and scoring program prints 100 pages of music on dot-matrix, laser, or PostScript printer. With Adobe Sonata fonts. Supports IFF and EPS files. $349.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

Creativity Kit
The Creativity Kit, which requires Bars&Pipes Professional, is designed to accommodate the creative needs of musicians, professional and amateur alike. It includes Accent Randomizer, All in One, AnyPhonic, Arpeggiator, Articulation Randomizer, Auto Modulate, Auto Transpose, Past Out, Random Notes, Riff-Chord, Rhythm Section, Step'n Out, Tapped Out, Tri-Arpeggiator, True Gliss, and Whoopie. Workbench 1.3 and 2.0 compatible, as well as NTSC and PAL compatible. All products are available for foreign distribution. $69.95
Blue Ribbon SoundWorks Ltd.,The, Venture Center, 1605 Chantilly Dr. Ste. 200, Atlanta, GA 30324, (404) 315-0212

Daudio
Plays stored audio sound direct from hard disk. Unlimited file sizes. Four channel selections plus other options. Supports AudioMaster sequences. Completely compatible with most Amiga authoring software. 50 Australian dollars.
GP Software, 21 Aloomba Rd,, ASHGROVE Queensland, 4060, Australia, (011) 61-7366-1402

Deluxe Music Construction Set
Full-featured sound editor with complete input, notation, and score printing. $99.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Digital Sound Studio (DSS8)
A complete low-cost sound and music solution for the semi-professional and the audio hobbyist. Consists of small, high-quality 8-bit stereo sound sampler that connects into parallel port on all Amiga models, combined with the fastest, most powerful and easy-to-use sound and music editing program available for the Amiga. Any RCA-type audio source can be connected to the sound sampler, allowing the user to edit music, add special effects, compose a song, and even create a video soundtrack. Features: cut, paste, mix, filter, echo, reverberate, fade out, fade in, play backward, speed playback, slow playback. $79.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770

Digital Studio
A stereo sound handler for Amiga computers. A digital sampler, editor (and sequencer) is fully complete, of high fidelity (simple to use at an affordable price); yet it remains a professional tool. Digital Studio has 10 memory work zones; these buffers will allow you to work on several different pieces of music, and even better, to play one piece while working on another, or even to play samples at the same time, with different frequencies (pitch) if so desired. The zoom in Digital Studio permits you to magnify the waveform. DRAW permits you to touch up the waveform. There are menu commands for volume, and echo. Modified sounds can be saved on a floppy disk or on a hard drive in IFF format. Supplementary characteristics include: Sampling Rate to 44KHz, automatic voice activation, left, right volume control, anti-aliasing audio filter control, transform mono into stereo and vice versa, and graphic oscillator for control of audio entry level. Digital Studio is compatible with all the digitizers whose sampling rate is high enough to permit quality sound recording
Adept Development, P.O. Box 20, 1000 Lausanne 5, Switzerland, (011) 4121-312-1202

E-Z FM Synthesizer
Easy-to-use software program for creating instruments and sounds for you Amiga. E-Z produces realistic sounds as well as synthetic or futuristic sounds with rich harmonic content. This program uses a minimum number of steps making it 'EaZy' to use. $59.95
Other Guys, The , 297 E. 200 N., P.O. Box H, Logan, UT 84323, (801) 753-7620

Harmoni
Enables musicians to use their Amiga to record and edit music sequences composed of up to 24 tracks with synthesizers, drum machines, and any other MIDI-equipped instruments. MIDI channel assignments can be set up for each track so that sequences can be fully orchestrated and played back. Provides four different types of velocity scaling, three ways to arpeggiate chords into individual note runs, plus merging to combine several tracks into a single track. Other functions include MIDI filtering, sequence looping, and SMPTE sync. 1MB recommended. Requires MIDI interface, cables, and any MIDI equipped synthesizers, drum machines, or other equipment capable of sending or receiving MIDI data. Note Australian address in Vendor Information. $49.95
Disc Company, The , 11440 San Vicente Blvd, Ste 300, Los Angeles, CA 90049, (310) 207-1600

Harmonizer 1.0
Harmonizer is a chord calculator. You give the parameters (e.g.,Scale, Degree, Inversion, Alteration), and Harmonizer builds the chord, displays its notes, plays it, and prints it. Harmonizer is intuitive and playable, allowing even beginners to experience the principles of harmony. Includes voice leading generator. Chord successions can be edited, saved, loaded, printed, and replayed, word processor style. Also ideal for ear training. PAL/NTSC. Foreign language version available upon request. Requires 512K. $50.00
HarmonySoft, 69 Jabotinsky Street, Givatayim, Israel 53319, (011) 972-331-5967

Hyperchord 2.0
A dynamic riff sequencer, designed for professional musicians but addictive fun for amateurs. The principle behind Hyperchord is that most music is based on short themes and motifs, which are then varied in rhythm, pitch, and order to create larger musical movements. Hyperchord lets you create riffs (sequences) of up to 40 notes using such original features as Riffwaves, Weave, Smear, Rotate, Expand; then store and manipulate in real time, varying pitch, speed rhythm, volume, note order, orchestration, harmonies, and trill. For intense riffing, switch between 60 user-defined scale modes and 40 rhythms, or employ unique cyber-musical tools such as Holistic Play and VectorPlay. Three utilities included: Mode Maker, Rhythm Maker, and Holistic Window. Use with A500, A1000, A2000. 1MB recommended. From Hologramophone Research. $159.00
Hologramophone Research, P.O. Box 4400, Redondo Beach, CA 90278, (310) 542-2226

Internal Sounds Kit
With the Internal Sounds Kit, you no longer need MIDI to compose and create. This package, part of the Bars&Pipes Add-on Series, provides the keyboard, the instruments, and the player and includes: Spare Keys (tool), which allows you to enter notes with the mouse or Amiga Keyboard; Amigophone (tool), which lets you load an unlimited number of IFF sounds and adjust high or low fidelity, fine tuning, modulation, octave shift, pitch bend, vibrato rate and depth, emphasis, attack, release, and volume. Workbench 1.3 and 2.0 com

patible, as well as NTSC and PAL compatible. All products are available for foreign distribution. $59.95
Blue Ribbon SoundWorks Ltd.,The, Venture Center, 1605 Chantilly Dr. Ste. 200, Atlanta, GA 30324, (404) 315-0212

KCS 3.5
KCS is a 48-track sequencer that operates in a linear- or pattern-based mode. It also allows assembly of up to 16 songs at a time. It features realtime graphic editing of notes and controllers, quick scoring and printing of standard musical notation, automated MIDI mixing, and comprehensive algorithmic and global editing. (Version 3.5 combines KCS, Level II, Tiger, and Quicksore in one product.) Requires 1-2MB memory, depending on number modules loaded. $299.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

Keys to Music Vol.I Learn To Read Music
Volume I is music teaching software that supplies knowledge to complement the learning of musical instruments. It covers musical terms, names of the notes, note values and basic rhythm. Keys to Music is a highly developed version of the program that won first prize in Commodore's 1991 AmigaVision contest. It uses synthesized voice, graphics, text, brief histories and musical examples. Games and drills to enhance learning are provided throughout. Quizzes are given at the end of each lesson and the results are entered into a database. Keys to Music makes learning music fun. It is the perfect teaching tool for school-age children on up to adults. NTSC/PAL. $59.95
Electric Theatre, 111 Holme Ave #2, Elkins Park, PA 19117, (215) 379-4538

Keys to Music Vol.II Learn To Write Music
Volume II is a continuation of Volume I. It goes into time signatures, key signatures and scales. It continues on into actually writing music. Keys to Music is a series not only for those studying instruments, but for users who would like to write and perform music on the computer. NTSC/PAL. $59.95
Electric Theatre, 111 Holme Ave #2, Elkins Park, PA 19117, (215) 379-4538

M
M for the Amiga is a real-time interactive composing and performing program. M's graphic screen controls allow you to shape or change any aspect of your composition while you're hearing it. First, you specify notes and chords, and then you determine the ways those notes will be transformed through rhythms, articulation, orchestrations, and many other variables. Finally, you perform your music, either by manipulating screen controls, playing control keys on a MIDI keyboard, or moving the mouse in a conducting grid. M features a capability for automating changes in MIDI velocities, note densities, legato-staccato articulations, and accents. Also multitasking compatible and high-quality internal sounds using IFF 8SVX sample files. $179.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

MIDI Music Manager
Play sampled sounds from any MIDI track. Listen to one track while recording another. Eight real-time tracks. Adjustable track length. Works with standard IFF files. $39.95
Rio Computers, 3310 Berwyck St., Las Vegas, NV 89121, (800) 782-9110

❷ MIDI Quest Universal Editor Librarian
Editors for 140+ instruments, Librarian/Bank Editor for 190+ instruments. MIDI Quest Jr. Universal Librarian/Bank Editor for 130+ instruments also available for $99. NTSC/PAL, AmigaDOS 2.0 compatible. $299.00
Sound Quest, Inc, 131 West 13th Avenue, Ste. 2, Vancouver, British Columbia, Canada V5Y 1V8, (604) 874-9499

❷ MIDI Sample Wrench V2.01
Complete visual editor system for 16-bit CD quality sounds. Quickly perform subtle or dramatic sound variations. Full cut-and-paste editing with extensive processing tools such as EQ, compression, enveloping, sampling rate conversion, sample mixing, clipboard, and much more. Multiple editors with virtually infinite zoom, scroll, and pan. Preview sounds using Amiga internal voices. Uploads and downloads to your favorite MIDI sampler including Prophet 2000, TX16W, EPS, E-Mu E-MAX, E3, Roland S-770, Korg DSS-1, Akai, S700, S900, S1000, DPM-SP/SX, studio16, and others. Requires MIDI interface and 512K, with 1MB or more recommended. AmigaDOS 2.0 and ARexx compatible. $299.00
dissidents, 10325 Woods Road, Utica, NY 13502-6723, (315) 797-0343

◆ Media Madness
Media Madness, sold extensively with Bars&Pipes Professional 2.0, includes extensive multimedia enhancements, such as complete set of Multi-Media Tools designed to integrate control of non-musical events: Toaster transitions, ANIM file playback, SunRize sound effects, genlocks, video decks, ARexx, and much more. Media Madness window provides complete graphic editing of multi-media performance, in SMPTE as well as music time. $109.00
Blue Ribbon SoundWorks Ltd.,The, Venture Center, 1605 Chantilly Dr. Ste. 200, Atlanta, GA 30324, (404) 315-0212

❷ Multimedia FX™ 2.0
Interactive audio sound and videographic special effects tool. Has graphic control panel for interactively exploring and inventing new sound and music effects coupled with video animation tracking effects. Using technique of sample modulation synthesis, user loads custom sound samples and sequence of graphic animation images. A large variety of audio-graphic synchronization effects and outrageous sounds can then be generated from multimedia source material. Synthesize musical sequence and rhythm effects from nearly symphonic to metal, technopop, and sci-fi. Many pitch, timbre, and rhythmic effects are possible from sound sample data; can be very useful in music and sound track applications. Import any IFF 8SVX (65K limit per preset) sound sample files and IFF animation images. Requires 1MB, AmigaDOS 1.3/2.0 compatible. Hard drive installable. $49.95
Pacific Digital FX, 6 Stetson Ave, Kentfield, CA 94904, (800) 800-2448

Music Mouse
Interactive compositional program that turns your computer into a musical instrument. Fully MIDI compatible, yet no MIDI is required. $79.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

Music-X 2.0
The original Music-X has been updaded to Music-X 2.0. Along with some fixes we have also enclosed a control mapper, velocity sculpting, and multiple serial support. Upgrades available to registered users. Music-X 2.0 provides the most sophisticated tools for manipulation of the MIDI environment. Includes Interactor-X. $199.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Music-X Jr.
This is a scaled-down version of Music-X. Music-X Jr. contains a sequencer, bar editor and filter page, and can use Amiga samples. $149.95
Hollyware Entertainment;, 13464 Washington Blvd., *Marina Del Rey, CA 90291, (310) 822-9200*

◆❷ MusicLab-IFS
MusicLab-IFS is a unique new approach to algorithmic composition that takes advantage of the self-organizational behavior of fractals to produce musical scores. Using iterated function systems, almost an infinite number of self-similar, non self-similar and even non-fractal scores can be created. Up to eight multi-voiced instrument parts can be algoithmicaly generated from the scores. Great alternative scource of original music for multimedia authors and new musical ideas for accomplished composers. Supports both IFF SMUS and MIDI music file formats. Requires Amiga w/ 1 MEG and Workbench 1.3/2.0. Demo available for $5.00. $89.00
Digital Expressions Research, W6400 Firelane 8, Menasha, WI 54952, (414) 733-6863

PIXOUND™
Pixound is a radical new concept in musical software, transforming visual art into music. Unlike other programs which provide the computer equivalent of a light show, Pixound allows you to use the musical fingerprint of any image to create, play, and record complex new music. The novice musician or computer user can move from Bach to Rock by simply moving the mouse. The virtuoso, too will thrill at the Pixound adventure of playing a new and unique instrument with every new screen. From Hologramophone Research. $99.00
Centaur Software, Inc., 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

◆ Performance Tools Kit
Features an incredible collection of performance-oriented tools for use with Bars&Pipes Professional 2.0. These tools include Super-8, an arpeggiator that sends each not of the arpeggio out with different panning and volume characteristics; Drone, which triggers a time-shifted note for each note; BreakAway, which sends, branches, or plugs notes; and Layer, which maps several notes, creating chords and intervals tha respond to velocities. $69.95
Blue Ribbon SoundWorks Ltd.,The, Venture Center, 1605 Chantilly Dr. Ste. 200, Atlanta, GA 30324, (404) 315-0212

❷ Personal Music Librarian
Comprehensive music collection management system. Easy, flexible data retrieval; search by any item or combination thereof. User-definable fields, categories, subcategories, and media. Handles album and selection info. Serious collectors may track cost, value, and condition. Powerful, menu-driven report writer. Design your own printouts and labels or use those included with PML. Free info pak. Requires 1MB RAM, hard drive. AmigaDOS 1.3 or 2.0 compatible. $79.00
Personal Database Applications, 2616 Meadow Ridge Dr., Duluth, GA 30136-6037, (404) 242-0887

◆ Power Tools Kit
Offers a wide variety of tools for Bars&Pipes Professional 2.0. From the Swing Tool, which transforms your 'straight' rhythmic tracks into full-fledged swing, to the Pandemonium Tool, which creates a random panning effect, as well as any random control change effect. Other tools include Guitar String Filter, which filters notes on the basis of guitar string and fret location; OffBeat, which alters the rhythmic character of a Track to create new rhythms; ControlTime, which delays or advances MIDI data; and PolyGraph, which locates measures with more notes than your sound module can play. $69.95
Blue Ribbon SoundWorks Ltd.,The, Venture Center, 1605 Chantilly Dr. Ste. 200, Atlanta, GA 30324, (404) 315-0212

Pro Studio Kit
The Pro Studio Kit, which requires Bars&Pipes Professional, is designed to accomodate the needs of professional Amiga musicians. It includes Articulation Modifier, DeFlam, DeGlitch, Event Smoother, Feels Good, Jump Start, Note Converter, Note Filter, Note Mapper, Pitch Bender, Remote Patch, ReTranscriber, Sttrrreeeetttcch, Super SetUp, and Velocity Controller. Workbench 1.3 and 2.0 compatible, as well as NTSC and PAL compatible. All products are available for foreign distribution. $69.95
Blue Ribbon SoundWorks Ltd.,The, Venture Center, 1605 Chantilly Dr. Ste. 200, Atlanta, GA 30324, (404) 315-0212

❷ Quest Editor/Librarian
Quest Editor/Librarian to develop and store sounds for Emu, Ensoniq, Kawai, Korg, Roland, and Yamaha instruments. Major supported instruments: Proteus 1/2/XR, VFX, SQ-1, M1, T1/2/3, D-series, R-5/8/8m, U-20/220, and SY22/55/77/TG33/55/77. AmigaDOS 2.0 compatible; NTSC/PAL available. $99.00
Sound Quest, Inc, 131 West 13th Avenue, Ste. 2, Vancouver, British Columbia, Canada V5Y 1V8, (604) 874-9499

❷ Quest I: Texture
Original Modular Recording, record, edit, and assemble your music in convenient blocks called patterns. Ninety-six patterns of arbitrary length up to 545 beats, 2304 independent sequences, 24 tracks X 96 patterns, 99 links for songs. Create music without having to stop. Full real-time interaction; all 16 MIDI channels may be controlled simultaneously; comprehensive screen window display. Simple Mouse/menu/keystroke interface, and more. NTSC/PAL. AmigaDOS 2.0 compatible. $150.00
Sound Quest, Inc, 131 West 13th Avenue, Ste. 2, Vancouver, British Columbia, Canada V5Y 1V8, (604) 874-9499

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Music

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Quest II: Texture
Professional sequencer for the Amiga computer. Features include modular recording, 24 tracks, edit display, MIDI output remapping, swing function, enhanced Amiga interface, linearize function, and clipboard. Includes all the features of Quest I plus 96 patterns of arbitrary length up to 2728 beats, multiple MIDI Channels per track, Quantize-3 new methods of affecting note duration, panic button, and much more. NTSC/PAL; AmigaDOS 2.0 compatible. $225.00
Sound Quest, Inc, 131 West 13th Avenue, Ste. 2, Vancouver, British Columbia, Canada V5Y 1V8, (604) 874-9499

Rules for Tools
Now you can create you own tools from scratch using this comprehensive guide to the ins and outs of Bars&Pipes. Rules for Tools, part of the Bars&Pipes Add-on series, includes documentation plus plenty of source code examples. Workbench 1.3 and 2.0 compatible, as well as NTSC and PAL compatible. All products are available for foreign distribution. $59.95
Blue Ribbon SoundWorks Ltd.,The, Venture Center, 1605 Chantilly Dr. Ste. 200, Atlanta, GA 30324, (404) 315-0212

◆ **SMPTE Output**
SMPTE Output is a stand-alone software product that is used to stripe LTC time code onto audio and video tape. This unique new software product generates and sends the SMPTE time code out of the Amiga's audio jack. SMPTE Output allows your Amiga to be the sync master. An additional and very important feature is that SMPTE Output locks to the video sync pulse of each frame of video when used in conjunction with a genlock or a Video Toaster. This feature not found on any other product at this price, make for very accurate time code generation.SMPTE Output works with any Amiga containing at least 1MB of RAM. SMPTE Output will run stand-alone or as an expansion module for SunRize Studio 16, non-linear, audio engineering systems. feature include 24, 25, 29,97, and 30 frames per second time code generation, drop frame and non-drop frame time code, multiple reset points, fast forward, rewind, play and pause buttons. Compatibility: A500, A600, A1000, A1200, A1500, A2000, A2500, A3000, A4000. NTSC/PAL. $249.00
SunRize Industries, 2959 S. Winchester Blvd. Ste. 204, Campbell, CA 95008, (408) 374-4962

Sequel
Real time MIDI recording and production with any digital piano, keyboard, or other MIDI instrument. Overdub parts, fix mistakes, and arrange songs for both MIDI and stereo Amiga voices. Load prerecorded MIDI and IFF songs, add custom parts or production. Compose 32-track tunes, score backing sequences for live gigs, produce tracks for video and multimedia. Includes record looping, nestable playback looping, quantizing, pattern chaining, tempo mapping, patch naming, and more. Optional SMPTE-to-MTC converter lets you overdub acoustic instruments onto tape, or synchronize Sequel to prerecorded music, video, and film. NTSC, 512K, one floppy, ADOS 1.2- 3.0, higher compatible. $139.98
Diemer Development, 12814 Landale St., Studio City, CA 91604, (818) 762-0804

◆ **Sequencer One**
A high-quality, low-price MIDI sequencer that's ideal for the beginner or semi-professional user. Full MIDI capabilities with support for four-channel sample replay through the computer's own sound output (in stereo where supported). Sample replay can be done at the same time as playing MIDI instruments. Step time entry over MIDI or from computer. 32 tracks. Track and cue sheet screen. Individual note-editing screen. Music arrangement page. Powerful global editing options (e.g., quantize to correct timing). $49.95
Oregon Research, 16200 SW Pacific Hwy, Suite 162, Tigard, OR 97224, (503) 620-4919

◆ **Sequencer One Plus**
All the features of Sequencer One, plus many more! Includes Diamond Drag note editing system. Unique juke box page allows up to 32 songs to be chained together into an 'album' or 'live' performance. Also provides tempo map screen, extra sample replay facilities, and more. MIDI interface recommended. $169.95
Oregon Research, 16200 SW Pacific Hwy, Suite 162, Tigard, OR 97224, (503) 620-4919

◆ **SuperJAM! Styles Collections (6)**
Six additional styles collections for SuperJAM! interactive music composition program: Movie Soundtrack Collection, World Music Collection, Dance Mix Collection, Pop/Rock Collection, Classical Collection, Cutting Edge Collection. Each collection includes at least 10 styles, plus new chord progressions and demos to make SuperJAM! even more musically powerful. Price $24.95 per collection.
Blue Ribbon SoundWorks Ltd.,The, Venture Center, 1605 Chantilly Dr. Ste. 200, Atlanta, GA 30324, (404) 315-0212

SuperJAM! v1.1
SuperJAM! provides fresh ideas, exciting rhythms, and mesmerizing musical feats at the touch of a button. New version has stereo TurboSounds, two octave chords, visual volume and pan mixing, much more. Create accompaniments, soundtracks, styles, and grooves quickly and easily. Unlike ordinary music programs, SuperJAM! requires little musical finesse in order to accomplish exciting results. Multimedia artists can use SuperJAM! to create and synchronize musical soundtracks with other Amiga packages. Bars&Pipes Professional owners can use it to sketch their musical ideas and try out various musical styles. SuperJAM! can also be run seamlessly within Bars&Pipes Pro. Workbench 1.3 and 2.0 compatible, as well as NTSC and PAL compatible. All products are available for foreign distribution. V 1.1 available December 10, 1992. $149.00
Blue Ribbon SoundWorks Ltd.,The, Venture Center, 1605 Chantilly Dr. Ste. 200, Atlanta, GA 30324, (404) 315-0212

Synthia II
Synthia II is a complete Sound Synthesis and Processing Studio (Sound Synthesis, Effects Processor, Visual Editor, and File Interface) for your Amiga. $124.95
Other Guys, The , 297 E. 200 N., P.O. Box H, Logan, UT 84323, (801) 753-7620

Synthia Professional
A 16-bit synthesizer effects processor, visual editor, and sampler/file interface. Create single and multi-sample instruments for use with most music programs or your favorite MIDI Keyboard Sampler. $395.00
Other Guys, The , 297 E. 200 N., P.O. Box H, Logan, UT 84323, (801) 753-7620

◆ **The Hit Kit**
Music composition system and ideas generator to use with Oregon Research sequencers. Create professional rhythm tracks, bass lines, and other accompaniments in a range of popular styles. Mix and match to easily produce complete MIDI sequences. An ideal way to quickly develop sophisticated MIDI sequences or to learn about music composition. Requires a MIDI sequencer. $49.95
Oregon Research, 16200 SW Pacific Hwy, Suite 162, Tigard, OR 97224, (503) 620-4919

The Hyperchord Music Exploration Kit
The kit consists of a disk of four interrelated programs, centering around Hyperchord. Other programs include Mode Maker, Rhythm Maker, and Holistic Window. With Hyperchord you can create, store, and manipulate RIFFs in real-time. In design mode create anything from simple scale runs to complex RIFF waves. Play mode allows you to improvise and loop any of the RIFFs. Customize modes in Mode Maker. Spectral colors are used to show the tonal relationships of the notes. The unique 3-D interface and the graphics alone make this a fascinating and fun program to use. From Hologramophone Research. $129.00
Hologramophone Research, P.O. Box 4400, Redondo Beach, CA 90278, (310) 542-2226

◆ **The Sample Series**
A collection of 8-bit digital sound samples in IFF format for use with Oregon Research sequencers and other programs. There are five volumes in the series: Percussion & Effects, Guitars & Strings, Brass & Woodwind, Synth & Vocals, Piano & Keyboards. Requires a MIDI seqencer or sample playback cartridge. One disk $29.95, all five disks $99.95.
Oregon Research, 16200 SW Pacific Hwy, Suite 162, Tigard, OR 97224, (503) 620-4919

Tiger Cub
A 12-track sequencer with real-time graphic editing and instant standard musical notation for display and printout. Fully MIDI compatible, yet no MIDI is required. For the beginner as well as the semi-professional. $99.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

Video Music Box Ver. 1.6
Video Music Box isDesigned to help you compose original music even if you have no musical training. Algorithmic composition capabilities allow quick and easy generation of basic background music sequences in many common styles. Program has complete graphic note editor for easily performing a wide range of standard editing operations with some experimental music options. Additional editors for new chord progressions and patterns provide unlimited program flexibility. Supports both IFF SMUS and MIDI music file formats. Requires Amiga with 1 Meg, workbench 1.3/2.0. Demo available for $5.00. $109.00
Digital Expressions Research, W6400 Firelane 8, Menasha, WI 54952, (414) 733-6863

Zero-G Datafiles
Zero-G data disks offer a selection of high-quality samples for use in Amiga music and sequencing programs which accept IFF samples. Breakbeats Volume 1 provides 72 different samples representing many of today's popular dance styles. Recorded at nearly 17,000 cycles per second, each sample has been carefully looped to provide a continuous backing beat for your musical creations. Breakbeats can also be programmed to retrigger at the start of a bar. 1MB recommended. £34.95 (£39.95 express airmail).
ACE-PYX Computer Services, Distributed by Time + Space, P.O. Box 306, Herts HP4 3EP, England, 011-44-442-870-681

❖ *EDITOR/LIBRARIAN* ❖

4-OP Deluxe
Graphic editor librarian for the TX81Z, FB01, DX100, DX21, and DX27. $59.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

Audition 4
An advanced 8-bit sample editor continues where AudioMaster III left off. 100% Assembler. Realtime zoom. Incredibly fast scroll. Freehand edit. Sequenced loops, realtime effects include echoes, hi-pass filter, low- pass filter, band-pass filter, stop-band filter, mix, flange, fade, VU meter, and oscilloscope. Editing functions include cut, copy, paste, delete, keep, invert, filter, echo, mix, fade, tune, and many more. Compatibility: A500, A1000, A1500, A2000, A2500, A3000. NTSC/PAL. $99.95
SunRize Industries, 2959 S. Winchester Blvd. Ste. 204, Campbell, CA 95008, (408) 374-4962

C-ZAR Rev. 2.4
Editor librarian for Casio CZ-101, CZ-1000, and CZ-1 synthesizers. Includes 200 pro sounds; easy start up; automatic loading, saving, and cataloging of disk sounds. Cut and paste, duplicate, rename and delete sounds, banks, and disk files. Overlays large, color-coded, and dragable sound envelopes on a logarithmic time display. Continuous display and sound updating, flexible undo feature. Mouse operation features intuitive panel displays. A 200-note sequencer; 80-page indexed

manual. Much more. NTSC. Requires 512K, one floppy. AmigaDOS 2.0 compatible. $79.00
Diemer Development, 12814 Landale St., Studio City, CA 91604, (818) 762-0804

CZ Rider
Graphic editor librarian for the Casio CZ series of instruments. $59.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

Caged Artist D110 Editor
Multitasking graphic editor librarian for the Roland D-110. Point-and-click editing of all parameters. Requires MIDI interface. $59.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

DWEL
DWEL is an Editor and Librarian for the Korg DW-8000 Synthesizer that uses the advanced computing environment of the Amiga, and uses a MIDI interface to connect the two. DWEL has two different screens, one the librarian, the other is a patch editor. DWEL's librarian is an advanced system for storing, retrieving, arranging, and sending patch (instrument) sounds through MIDI. The Editing features of DWEL are simple and logical, but very powerful. It is no longer necessary to remember parameter numbers and settings to alter or create sounds. DWEL's editor graphically illustrates all characteristics of the patch's sound. $79.00
Barry Weber, P.O. Box 360, Albany, MN 56307, (612) 845-4755

DX Heaven
Multitasking graphic editor librarian for the Yamaha DX-7, TX7. Point-and-click editing of all parameters. Requires MIDI interface. $59.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

ESQ-1 Caged Artist
Multitasking graphic editor librarian for the Ensoniq ESQ-1. Point-and-click editing of all parameters. Requires MIDI interface. $59.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

ESQapade
Multitasking graphic editor librarian for ESQ-1 and SQ-80. From Ensonic. Point-and-click editing of all parameters. Requires MIDI interface. $59.00
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Kawai K-5
Multitasking graphic editor librarian for Kawai K-5. Point-and-click editing of all parameters. Requires MIDI interface. $59.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

Kawai-1 Caged Artist
Multitasking graphic editor librarian for the Kawai K-1 series. Modifies sounds that the instruments make, and saves them for you. Point-and-click editing of all parameters. Requires MIDI interface. $59.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

Oberheim Matrix 6/1000 Caged Artist
Multitasking graphic editor librarian for the Oberheim Matrix 6/1000. Point-and-click editing of all parameters. Requires MIDI interface. $59.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

PCM-70 Caged Artist
Multitasking graphic editor librarian for the Lexicon PCM-70. Point-and-click editing of all parameters. Requires MIDI interface. $59.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

PatchMeister v1.0c
Generic patch-librarian, designed to work with or without Bars&Pipes Professional. Includes over 20 specific drives plus ability to easily adapt to any synthesizer. Many enhancements. Workbench 1.3/2.0 compatible; NTSC/PAL compatible. List of drivers: Alesis HR-16, QuadraVerb, SR-16; Art DR1, Casio CZ-1, CZ-101, CZ5000; E-Mu Procussion, Proteus 1/XR, 2/XR; Ensoniq ESQ-1, Mirage, SQ-m, SQ-R, SQ-R Plus; Kat Drum Kat; Kawai K1, K4, Spectra; Korg M1, P3, T1-T3; Oberheim Matrix 1000; Peavey DPM 3; Roland D-110, D-5, Sound Canvas, U-110; SCI Drum Tracks; Tascam 644, 688; Yamaha DX 7, RX11, SPX-90, SY22, SY55, SY99, TF1, TG33, TG77, TX-7, TX-816, TX-81Z. All products available for foreign distribution. Upgrades available. $99.00
Blue Ribbon SoundWorks Ltd.,The, Venture Center, 1605 Chantilly Dr. Ste. 200, Atlanta, GA 30324, (404) 315-0212

Roland D-50 Caged Artist
Multitasking graphic editor librarian for the Roland D-50. Point-and-click editing of all parameters. Requires MIDI interface. $59.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

Roland MT-32 Caged Artist
Multitasking graphic editor librarian for the Roland MT-32. Point-and-click editing of all parameters. Requires MIDI interface. $59.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

◆ SX Virtual
A virtual control panel for the Peavey DPM-SX and DPM-SXII 16 bit samplers. Allows complete remote operation of the SX, including many parameters which cannot be accessed from the SX's front panel. Sound samples may be transferred to the Amiga, viewed, previewed, saved to disk, or sent to other MIDI samplers. Allows high speed SCSI/SMDI transfers which are 50 times faster than MIDI transfers. Requires any Amiga with 512k or more RAm and OS1.3 or higher, with MIDI interface. $75.00
dissidents, 10325 Woods Road, Utica, NY 13502-6723, (315) 797-0343

X-OR
The Universal System Exclusive Orchestrator for Commodore Amiga Computers. Full-featured Generic Editor Librarian. X-OR can be configured to match a user's complete setup and auromate all MIDI data communication. By taking a 'snap shot' of a user setup, X-OR treats all MIDI devices as one instrument, offering superior value and unparalleled control over multi-instrument setups. Other features include support for over 90 MIDI instruments, graphic editing, database sound search, automatic MIDI patch bay switching, patch randomization, blending features, and much more. $325.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

❖ *PERCUSSION* ❖

Drum Studio
Drum Studio turns your Amiga into a powerful dedicated drum machine! Each sound has 16 different volume and pitch controls providing over 5000 different drum sounds in memory. Features include up to 100 patterns in memory; real time indicator to allow easy volume and pitch adjustment; adjustable BPM (beats per minute) from 30 to 240; keyboard template for quick reference; plus many more features. $14.95
DigiTek Software, 1916 Twisting Lane, Wesley Chapel, FL 33543, (813) 973-7733

❖ *PROGRAMMING* ❖

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Don't just wander around in graphic or text adventures, build them! Visionary makes it simple. Over 10,000 rooms, objects, and subroutines. More than four billion characters of text can go into your adventure! Supports IFF images and ANIM files. Includes graphical VIE editor for point-and-click ease of use. Workbench 1.3 and 2.0 compatible. $99.95
Oxxi, Inc., P.O. Box 90309, Long Beach, CA 90809-0309, (310) 427-1227
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◆ Amidi Serial Vector Library/ MIDI Sysex Lib
Two runtime libraries. the first is an execute call which legally replaces the AmigaDOS serial device to send and recieve large MIDI system exclusive data transfers without slowing down intuition. The second is a library of MIDI and SCSI system exclusive protocol handlers for several different manufacturers of MIDI equipment.
Amidi Systems Inc., #4 6579 Throup Rd., Sooke, BC V0S1N0, Canada, (604) 642-5489

Bach Songbook
Data disks for sequencer. Songbook contains two-part inventions, three-part sinfonia, and four-part fugues. $29.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

❖ *SONGS* ❖

Aegis SoundTrax I and II
Play along with or study this library of Sonix compositions. Includes tips on how to create your own Sonix scores! Use special pre-programmed instruments to enhance your own compositions. Volume I includes Top 40 and Blues, while Volume II includes Fifties-style compositions. $19.95
Oxxi, Inc., P.O. Box 90309, Long Beach, CA 90809-0309, (310) 427-1227
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❖ *SOUNDS AND INSTRUMENTS*

AS260 Amiga Clips, Volume 1: Sound Effects
Amiga Clips is a software tool created for use with AmigaVision. The two-disk set includes over 50 different digitized sound files which users can add to their multimedia AmigaVision presentations. The sounds can also be used to give audio feedback to key presses or mouse clicks in interactive AmigaVision applications. Amiga Clips is also compatible with any Amiga software program which supports 8SVX format sounds. Categories of sound effects on the disks include animals, auto, bells and whistles, clocks, drink, human, phone, techno, voice, and weather. $29.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Background Rhythm Patterns 2.0
Background Rhythm Patterns is a collection of over 157 popular sequenced background rhythm patterns for virtually all styles of music. These patterns were developed exclusively for MIDI sequencer owners who need a variety of professionally arranged background rhythm accompaniments to use for creating their original songs. Each pattern includes bass, piano, drums, and percussion. All styles of music are included, as is an extensive user's manual. A multitimbral synthesizer or sound module and a sequencer are necessary. $45.95
New Sound Music, P.O. Box 37363, Oak Park, MI 48237, (313) 355-3643

◆ Digital Orchestra
Digitally sampled instruments: drums, percussion, chords, synthesized sounds, choruses and sound effects compatible with DMCS, MED, other

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Last Minute Additions

tracker programs and popular sequencer programs. Instruments and percussion sampled at 17897 samples/sec., sound effects at 8363 samples/sec. All sounds are IFF 8SUX format. 36 disk set. Each disk $5.95. Also available on CD. $5.95
FairBrothers, Inc., 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954

FAT SOUNDS 1,2, 3
Here are three disks filled with 8SVX new and original Amiga digitized sampled sounds. They have been tested with a dozen Amiga music and hypermedia programs, and are the first of planned library of new samples. The sounds can be used either as-is to help Amiga musicians create their music, or each sample can be edited further in an Amiga sound editor to produce even more variable results. These are not repeats of previous Amiga sample releases. $49.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

Jazz Through MIDI 2.0
Jazz Through MIDI is a new jazz improvisation course designed to teach jazz using a MIDI set up. It features 60 jazz patterns and solos for beginning, intermediate, and advanced levels. Many different styles of jazz are featured. A rhythm section accompaniment consisting of bass, piano, and drums is provided for each solo. Simply select a sequence with a riff that you want to learn, and then begin to practice the solo line along with the provided solo and accompaniment, using a tempo that is comfortable for you. Requires a multitimbral synthesizer or sound module. $49.95
New Sound Music, P.O. Box 37363, Oak Park, MI 48237, (313) 355-3643

◆ **Sound Bytes Volume 1: Mechanical Things**
Amiga 8 bit IFF 8SVX sound files of mechanical things found in the home, office, workshop and travel. $20.00
Azure Computer & Photographic Services, Inc., 10002 Kirkglen Drive, Houston, TX 77089, (713) 481-4704

◆ **Sound Bytes Volume 2: Sounds of Nature**
Amiga 8 bit IFF 8SVX sound files of people, animals and natural sounds such as rain and thunder. $20.00
Azure Computer & Photographic Services, Inc., 10002 Kirkglen Drive, Houston, TX 77089, (713) 481-4704

Soundtracks for MIDI
A collection of 90 multitrack sequences that can be used for Multimedia Presentations, Film, TV, Video, and Radio. Soundtracks are fully orchestrated and offers music for any style or mood. Everything from string quartets to electronic and contemporary dramatic tracks are provided. All of the compositions are original works, and the user is granted full rights and permission to use any of the songs presented in any way he wishes. A manual is included along with chord charts for each sequence. Supplied as Type 1 standard MIDI files. Specify Amiga format. Requires a MIDI keyboard or module capable of playing back on at least 6 MIDI channels. $49.95
New Sound Music, P.O. Box 37363, Oak Park, MI 48237, (313) 355-3643

VocoderFX™
Digital signal processing sound effects tool. Control panel shows all the 'plumbing' in a vocoder; follows graphic pipeline to help you invent new sound effects. Employs time-tested techniques of using amplitude characteristics of one sound at different frequency bands as filter for another sound, producing third sound as combo of first two. Load in sound samples and adjust parameters to produce processed sound effects. Can be programmed for settings not possible on high-end studio vocoders. Window shows plots of each filter band; playback switch lets you continuously hear results during processing. Vocoded sound may be processed with freq band resolution selected in music semitones and cents. Import/export IFF sound files. Requires 1MB. AmigaDOS 1.3/2.0 compatible. Hard drive installable. $49.95
Pacific Digital FX, 6 Stetson Ave, Kentfield, CA 94904, (800) 800-2448

❖ *TUTORIAL* ❖

Aural Intervals
Recognizing the distance between two pitches is the first technique taught in ear training. Correctly hearing and identifying intervals takes practice and a trained ear. It is also a skill that is awkward to practice by yourself. Now with the help of Aural Intervals and your Amiga, ear training is as simple as a video game. Aural Intervals randomly selects an interval and the lowest pitch to begin the interval on. The Amiga plays the sound for you. If you don't get it on the first try, press the play again button and the interval will be repeated. If you're not sure what it is, ask Aural Intervals to hint at the darkness or brightness of the intervals quality. If still unsure, inquire whether the interval is greater or less than a Perfect 5th. As a last resort, select the Melody Hint button and Aural Intervals will play a short melody that is identified with the interval. Aural Intervals is a positive and reassuring method to master the art of interval ear training. $19.00
Barry Weber, P.O. Box 360, Albany, MN 56307, (612) 845-4755

Guitar Chords
Guitar Chords is a program that tutors a beginning guitar student in learning and correctly playing chords for the guitar by illustrating the correct fingering on the Amiga's screen. Finger numbers and color schemed dots clearly show fingerings. Guitar Chords is designed for the student to have the guitar in hand while running the program. The Amiga sounds the notes of the chord so that the student hears instantly if he has fingered the chord correctly. Also, tuning is a breeze as Guitar Chords plays the correct pitch for each string. All Major, Minor, Major7, and Minor7 chords included. $39.00
Barry Weber, P.O. Box 360, Albany, MN 56307, (612) 845-4755

Miracle Piano Teaching System
The Miracle utilizes a smart and interactive network with Artificial Intelligence software to teach children and adults how to play the piano. Program begins by using an assortment of entertaining video games, progressive lessons, and various musical pieces to teach fundamentals of piano technique. Based on the player's individual needs and pace, the Miracle will customize piano lessons. System will analyze player's performance and modify the next lesson to concentrate on player's weaknesses. Includes the appropriate software cartridge or floppy disk with the various lessons and games, a corresponding Miracle Cable to connect the keyboard and the video monitor unit to allow interface, and a state-of-the-art electronic piano keyboard. $479.95
Software Toolworks, The , 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Performance
Database system for performing musicians that tracks MIDI information (synth presets, patch banks, sequences, etc.) for songs in repertoire to automate MIDI setup. Includes a MIDI-file sequence player. Contains set-building tools to organize material for live performances. Database is entirely user configurable, is mouse driven, supports standard MIDI files, and runs in both interlace and non-interlace modes. The song selection features a large font easily readable from a distance of up to 30 feet from the screen. $165.00
Pregnant Badger Music, 10010 Biscanewoods Way, Sacramento, CA 95827, (916) 361-8217

Real-Time Sound Processor
The Real-Time Sound Processor features Echo, Reverberation, AM and FM Modulation, Vibrato, Overdrive, Stereo Function, 512K sufficient, and MIDI channel selection for Amiga 500/1000/2000. Your creativity combines with the Amiga's amazing musical capability to produce unlimited original sound effects. Choose from PRESET parameters to recreate well-known sound effects, or choose from the fully flexible parameters to create your own new sound effects. All sound processing occurs instantaneously—the samples do not have to be saved previously. You need no musical training to use this software.
Adept Development, P.O. Box 20, 1000 Lausanne 5, Switzerland, (011) 4121-312-1202

❖ *UTILITIES* ❖

Aegis AudioMaster IV
Sample and play sounds at a true 56,000 samples per second in stereo. AudioMaster will drive every parallel-port digitizer now available for the Amiga—often with higher sampling rates than the digitizer's own software. But its true strength is the ability it gives you to edit, sequence, and store in compressed format the sampled sound files you create by digitizing real-world sounds. New features include two to four times oversampling, including CD Player and PlaySound programs; Pitch vs. Time Stretch and Compress; digital filtering; Real-time Pitch Bend, Zoom, Telephoto, and Scroll; improved File Requester, Audio Disk Jockey for fingertip control of up to 180 sound files; and much more. $99.95
Oxxi, Inc., P.O. Box 90309, Long Beach, CA 90809-0309, (310) 427-1227
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◆ **SampLIB**
SampLIB is a sophisticated MIDI musician's utility for the transferral of professional quality audio samples between various MIDI samplers and various computer file formats. Supports the new high speed SCSI audio data transfer protocol known as SMDI. SampLIB is object engineered for modular expansion. Next upgrade will add sampler system exclusive performance SENP requesters. Allows Amiga's Exec to fully support the multitasking user environment during large, high speed MIDI sample dumps without interruption. Requires Amiga with MIDI interface or SCSI port. $120.00
Amidi Systems Inc., #4 6579 Throup Rd., Sooke, BC V0S1N0, Canada, (604) 642-5489

DNA Music
Plays music based on DNA sequences. Features menu choice of DNA, speed, tone, and channel. Two octaves in the key of C. $19.95
Silver Software, 1922 Purchase Brook Road, Southbury, CT 06488, (203) 264-2583

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Fractal Music
Music based on fractal mathematics. Two octaves in the key of C, graphics of filled polygons, and 640 x 240 resolution. $19.95
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Protein Music
Plays music based on protein amino acid sequences. Menu choice of protein, speed, tone, and channel. With two octaves. $19.95
Silver Software, 1922 Purchase Brook Road, Southbury, CT 06488, (203) 264-2583

RXMix
A 16-channel programmable mixer for Yamaha RXII drum machines. $79.95
Pregnant Badger Music, 10010 Biscanewoods Way, Sacramento, CA 95827, (916) 361-8217

Waveform Easel
Use the mouse to draw any curve to define waveform tables that the Amiga uses to make sounds. $19.95
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Education

❖ EDUCATION GENERAL ❖

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Desperate bandits, runaway cattle, and broken toes hold no terrors for our imaginative hero. This tall tale shows how a young boy imagines his days at his uncle's ranch—while accompanying illustrations show the more mundane reality. As with any of the Discis Books, you can ask it to read your favorite passages, to explain or pronounce unfamiliar words, and even to identify objects in the accompanying pictures. The wide range of built-in educational options includes music and sound effects to enhance reader appreciation, and optional Spanish pronunciation. AmigaDOS 2.0, NTSC, and PAL compatible. $44.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario,, Canada M2N 5W9, (416) 250-6537

AV Notes
Each is a summary of a topic from science, literature, or history. Examples: Krebs Cycle, Hamlet, Civil War. $25 per topic. $25.00
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-5337

❷ Amy's Fun-2-3 Adventure
For ages 2-6. In Amy's Fun-2-3 Adventure, Amy introduces children to numbers and counting by taking them through a variety of entertaining activities. Visit Amy's Doghouse, Marty the Match Machine, King Cookie and his castle, or play music, all by simple mouse input. Beautiful overscan graphics, smooth animation, and digitized speech and sound effects make the program a joy for children to use. Requires 1MB, mouse. AmigaDOS 2.0 compatible. $39.95
Devasoft, P.O. Box 41250, San Jose, CA 95160, (408) 927-9645

❷ Cinderella: International Version
This international version of Cinderella has multiple background languages. You have the option of choosing a Spanish, German, Italian, or French pronunciation, in addition to the regular built-in educational features. AmigaDOS 2.0, NTSC, and PAL compatible. $49.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario,, Canada M2N 5W9, (416) 250-6537

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A poor but beautiful young girl wins the heart of a prince—with a little help from her fairy Godmother. The story of how kind-hearted Cinderella gets the better of her selfish step-sisters is a classic that generations of adults and children have enjoyed. As with any of the Discis Books, you can ask it to read your favorite passages, to explain or pronounce unfamiliar words, and even to identify objects in the accompanying pictures. The wide range of built-in educational options includes music and sound effects to enhance reader appreciation, and optional Spanish pronunciation. AmigaDOS 2.0, NTSC, and PAL compatible. $49.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario,, Canada M2N 5W9, (416) 250-6537

❷ Computerized Learning Application Software System, Volume 1 (C.L.A.S.S. 1)
A learning system that entices the minds of all ages. An enriching system that gives everyone the opportunity to learn and sharpen their skills. Volume 1 offers the user the ability to enhance spelling, math, reading, memory, and strategy skills. Will lure the preschooler, kindergartener, etc., to develop an interest in the world of learning by use of computers. Requires ARexx, 512K RAM (two floppy drives or hard drive recommended). AmigaDOS 1.3 or 2.0 compatible. 'Learn and have fun with C.L.A.S.S. 1.' $39.00
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An excellent vocabulary builder. Create and edit custom word lists, or use those that come with the game. Generate crossword puzzles and word search puzzles. Games can be played on the computer, or printed to the printer for use as an educational tool, or just plain fun. Also print answer keys for use in classroom settings. $39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

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Game disk with math or spelling. Save the Starship Discovery by guiding crew members through the starship and answering questions. Avoid the aliens, collect fuel crystals, and save the ship. Easy playability and compelling graphics. Game disk in math or spelling; expansion disks in Trivia 1 and 2, Science, History, Geography, Spelling 1 and 2, Math 1 and 2, Math Concepts, Language, and Social Studies. Now includes hard drive installation, five spaceships to explore, and questions that use pictures or sound. $39.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

❷ Distant Suns 4.2
Distant Suns 4.2 brings desktop astronomy and space travel to any 1MB Amiga with at least two floppy disk drives. Version 4.2 adds many new features to an already great version: ARexx support, multiple resolution support (interlaced, overscan), animation capability, full screen (not overscan) astronomical photo display keyed to selectable objects, and the ability for the user to put his or her eyepoint up to 400 astronomical units from the sun on any plane. There are more basic stars and a disk of medium resolution images included. Over 2,000 deep sky objects are in the basic data sets. The user can enter his or her own data virtually without limit. Comets and asteroids are included and can be added. Improved fonts make the program more readable and a more subtle color palette is used to give 4.2 a more professional look. Ther are a total of three disks in the package—program, data, and image. The single program disk now includes both 1.3, 2.0, FFp and FPU versions.NTSC or PAL version available. Upgrade available direct from VRLI. $69.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

Distant Suns-Space Visions
Space Visions is a series of IFF images selected by Mike Smithwick, author of Distant Suns. Space Visions may be viewed with Distant Suns 4.0 or any program which allows viewing of IFF files–any paint program, for instance. Space Visions cannot be viewed with the Distant Suns 3.0. Available direct from VRLI only. These are full screen (not overscan) hi-res images. It contains 246 images and is 25 disks plus an installation disk. Includes Mars from orbit and surface (Viking mission photos; Earth from orbit (various Gemini, Apollo, and Space Shuttle missions); Mercury flyby (Mariner photos); Skylab (America's 1st space station); Space Shuttle in operation; Voyager (Photos include Jupiter, Saturn, Uranus and Neptune); Deep Sky objects; Gemini two-man mission; lunar photos by Lunar Orbiter and apollo astronauts; historical shots from the Apollo mission. $90.00
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

❷ Heather Hits Her First Home Run
The bases are loaded, her friend Jeffrey is on third, and everyone is calling for a home run as she steps up to bat. All in all, it's a pretty frightening moment for Heather–but she comes through. This story tells of how children feel in life's crucial moments. As with any of the Discis Books, you can ask it to read your favorite passages, to explain or pronounce unfamiliar words, and even to identify objects in the accompanying pictures. The wide range of built-in educational options includes music and sound effects to enhance reader appreciation, and optional Spanish pronunciation. AmigaDOS 2.0, NTSC, and PAL compatible. $49.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario,, Canada M2N 5W9, (416) 250-6537

◆ MASPEAK-Jr.
MASPEAK-Jr. is a fun and easy-to-use learning tool that guides a user through the basics of Hebrew reading, using tutorials and an assortment of modern and traditional texts from the Torah, Jewish prayers and Israeli and Jewish holiday songs. $99.95
MA-PITOM Software;, 531 Norwich Dr., *West Hollywood, CA 90048-1903, (310) 657-9226*

McGee
A no-words software program designed for children, ages two through five years old. Using the mouse, youngsters guide a little boy named McGee throughout his house, playing with toys and getting into mischief along the way. By clicking the mouse on graphic icons on the the screen, children initiate animated sequences and digitized sound, or send McGee into another room for more adventure. $39.95
Lawrence Productions , 1800 South 35th Street, Galesburg, MI 49053-9687, (800) 421-4157

McGee at the Fun Fair
Like our other no-words software for preschoolers, Fun Fair is a program where youngsters decide what they want to do next. They can watch the clown make balloon shapes, the juggler juggle, get a popsicle from the ice cream vendor, play on playground equipment, and enjoy many other fun activities–all with wonderful, animated graphics and digitized sound. These programs encourage children to explore and reinforce their sense of discovery. $39.95
Lawrence Productions , 1800 South 35th Street, Galesburg, MI 49053-9687, (800) 421-4157

McGee visits Katie's Farm
In Katie's Farm, children accompany McGee as he visits his cousin on her farm. McGee and Katie feed the chickens, watch Aunt Thelma milk the cow, go fishing at the pond and enjoy many other fun activities. Our no-words software programs for pre-schoolers make getting acquainted with the computer an empowering and confidence-building experience. They are also very effective with ESI and autistic children. Requires 1MB of memory. $39.95
Lawrence Productions , 1800 South 35th Street, Galesburg, MI 49053-9687, (800) 421-4157

❷ Moving Gives Me A Stomach Ache
Moving is not easy for anyone, but for a little boy it is especially hard. This is a warm, sensitive story that explores children's feelings about moving and shows them that it's not so bad after all. As with any of the Discis Books, you can ask it to read your favorite passages, to explain or pronounce unfamiliar words, and even to identify objects in the accompanying pictures. The wide range of built-in educational options includes music and sound effects to enhance reader appreciation, and optional Spanish pronunciation. AmigaDOS 2.0, NTSC, and PAL compatible. $49.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario,, Canada M2N 5W9, (416) 250-6537

❷ Moving Gives Me A Stomach Ache: International Version
This version of Moving Gives Me A Stomach Ache has multiple background languages. You have the option of choosing a Spanish, German, Italian, or French pronunciation, in addition to the regular built-in educational features. AmigaDOS 2.0, NTSC and PAL compatible. $49.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario,, Canada M2N 5W9, (416) 250-6537

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Mud Puddle
Have you ever wondered how kids get so dirty? Meet a walking mud puddle and see how it continually ambushes one little girl-until she gets the better of it. As with any of the Discis Books, you can ask it to read your favorite passages, to explain or pronounce unfamiliar words, and even to identify objects in the accompanying pictures. The wide range of built-in educational options includes music and sound effects to enhance reader appreciation, and optional Spanish pronunciation. AmigaDOS 2.0, NTSC, and PAL compatible. $49.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario,, Canada M2N 5W9, (416) 250-6537

Mud Puddle: International Version
This version of Mud Puddle has multiple background languages. You have the option of choosing a Spanish, German, Italian, or French pronunciation, in addition to the regular built-in educational features. AmigaDos 2.0, NTSC, and PAL compatible. $49.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario,, Canada M2N 5W9, (416) 250-6537

Paint and Create
For ages five and up. Helps children exercise their creative talents in six programs: Activity Menu, Art Alive, Make a Monster, Jigsaw, Music Maestro, and Card Shop. All activities designed to spark a child's imagination and help him use it to achieve tangible results. £25.99.
Europress Software, Europa House, Adlington Park, Macclesfield SK10 4NP, England, (011) 44-625-859-333

Periculum
Jeopardy-like game. Allows two players to go head-to-head, one on the mouse, and the other on keyboard or joystick. As questions are flashed on the screen, the first player to press the button is given an opportunity to answer. A manual override is provided to allow the acceptance of answers that are correct but are judged incorrect by the program. It is easy to create new game files about any subject. Sign-in with the mouse just like on TV. AmigaDOS 2.0 compatible. $19.95
SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

Personality
This administers a series of 70 personality questions based loosely on the Myers-Briggs assessment tool. Done with clever graphics, the user responses are analyzed and the user's personality type (i.e., ISTJ) is displayed and described briefly. Great for starting a discussion of different personality types and learning styles at the beginning of the year or course. AmigaDOS 2.0 compatible. $19.95
SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

Poco Man
A strategy game with arcade-type sounds and actions. Solve up to 50 different levels. Joystick or keyboard play. Hours of enjoyment while building analytical and problem-solving skills. A new concept in Amiga games. $39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

Scary Poems for Rotten Kids
Whether you are frightened by goblins or Gerbelgeks, fog phantoms, or even the dreaded pocket monster, you'll find lots of chuckles and chills in Scary Poems for Rotten Kids. As with any of the Discis Books, you can ask it to read your favorite passages, to explain or pronounce unfamiliar words, and even to identify objects in the accompanying pictures. The wide range of built-in educational options includes music and sound effects to enhance reader appreciation, and optional Spanish pronunciation. AmigaDOS 2.0, NTSC, and PAL compatible. $54.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario,, Canada M2N 5W9, (416) 250-6537

School Announcement System
Allows schools to send school announcements across network of monitors. Can activate during class breaks and lunch. Allows for extra instructional time and frees you from dependence on PA system. Uses 'info channel' format of 'host' and nodes. Host = A2500 and up. Nodes = A500+. Requires Scala info channel. Price flexible by installation.
Mr. Horan's Computer Lab, 12975 US 60,, Middletown St. Mall, Louisville, KY 40243, (502) 244-9595

The Night Before Christmas
A father witnesses the arrival of St. Nicholas, who with his dimples and 'a little round belly' fills childrens' stockings before returning to the night. As with any Discis book, you can ask it to read your favorite passages, explain or pronounce unfamiliar words, and even identify objects in the accompanying pictures. The wide range of built-in educational options includes music and sound effects to enhance reader appreciation, and optional Spanish pronunciation. AmigaDOS 2.0, NTSC, and PAL compatible. $39.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario,, Canada M2N 5W9, (416) 250-6537

The Paper Bag Princess
Once upon a time a beautiful princess and a handsome prince lived in a castle. Suddenly the castle is destroyed by a fierce dragon, the prince is carried away, and the princess is left with only a paper bag to wear. This story has all the elements of a traditional fairy tale but with a contemporary twist–the princess is the heroine. As with any of the Discis Books, you can ask it to read your favorite passages, to explain or pronounce unfamiliar words, and even to identify objects in the accompanying pictures. The wide range of built-in educational options includes music and sound effects to enhance reader appreciation, and optional Spanish pronunciation. AmigaDOS 2.0, NTSC, and PAL compatible. $49.95
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The Paper Bag Princess: International Version
This international version of The Paper Bag Princess has multiple background languages. You have the option of choosing a Spanish, German, Italian, or French pronunciation. AmigaDOS 2.0, NTSC, and PAL compatible. $49.95
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The Tale of Benjamin Bunny
Benjamin Bunny and his cousin Peter Rabbit visit Mr. McGregor's garden to retrieve Peter's clothes–left there on a previous visit. Their expedition is going well–until they are trapped by a nasty cat. As with any of the Discis Books, you can ask it to read your favorite passages, to explain or pronounce unfamiliar words, and even to identify objects in the accompanying pictures. The wide range of built-in educational options includes music and sound effects to enhance reader appreciation, and optional Spanish pronunciation. AmigaDOS 2.0, NTSC, and PAL compatible. $49.95
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The Tale of Peter Rabbit
This is the classic tale of naughty Peter Rabbit, written and illustrated by Beatrix Potter. Follow Peter as mean Mr. McGregor chases him around the garden, into a gooseberry net, and even through a window. As with any of the Discis Books, you can ask it to read your favorite passages, to explain or pronounce unfamiliar words, and even to identify objects in the accompanying pictures. The wide range of built-in educational options includes music and sound effects to enhance reader appreciation, and optional Spanish pronunciation. AmigaDOS 2.0, NTSC, and PAL compatible. $54.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario,, Canada M2N 5W9, (416) 250-6537

The Tale of Peter Rabbit: International Version
This international version of The Tale of Peter Rabbit has multiple background languages. You have the option of choosing a Spanish, German, Italian, or French pronunciation, in addition to the regular built-in educational features. AmigaDOS 2.0, NTSC, and PAL compatible. $59.95
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Thomas' Snowsuit
Children and adults—especially those who have tried to get feisty kids into clothes they don't want to wear—will appreciate the story of Thomas' Snowsuit. Watch how everyone tries to get Thomas into his detested new snowsuit, and see how they all end up wearing it instead! As with any of the Discis Books, you can ask it to read your favorite passages, to explain or pronounce unfamiliar words, and even to identify objects in the accompanying pictures. The wide range of built-in educational options includes music and sound effects to enhance reader appreciation, and optional Spanish pronunciation. AmigaDOS 2.0, NTSC, and PAL compatible. $49.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario,, Canada M2N 5W9, (416) 250-6537

Video Network
Allows video to be sent across all monitors in lab. Show 'snippets' then flip switch to word processor and write. Ideal for use with video microscope. For any Amiga or Apple II lab. $25 per station (four minimum), add $10 per station for Apple.
Mr. Horan's Computer Lab, 12975 US 60,, Middletown St. Mall, Louisville, KY 40243, (502) 244-9595

❖ *BIOLOGY* ❖

Biology By Martha: Human Biology CE
Provides graphics, explanations, and tests for self-study and reference. This is the college edition. One disk. $79.00
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-5337

Biology By Martha: Human Biology HSE
Provides graphics, explanations, and tests for self-study and reference. This is the high-school edition. One disk. $39.00
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-5337

Biology By Martha: Invertebrate Animals CE
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Biology By Martha: Plants CE
Provides graphics, explanations, and tests for self-study and reference. This is the college edition. One disk. $79.00
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Biology By Martha: Plants HSE
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Biology By Martha: Reproduction CE
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Biology By Martha: Reproduction HSE
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Biology By Martha: Vertebrate Animals CE
Provides graphics, explanations, and tests for self-study and reference. This is the college edition. One disk. $79.00
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Complete biology series. $199.95
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Biology by Martha High School Edition
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Journey Through A Cell
Interactive journey through plant and animal cells including Photosynthesis. Features scanned images, diagrams, and quizzes. PAL (NTSC soon) AmigaVision required or runtime version. $59.95
HC Software Pty Ltd, PO Box 782, Prospect East, S.A., Australia 5082, (011) 618-262-4461

❖ *BUSINESS* ❖

Starting a New Business
Students discover the ins and outs of starting a new business venture as they make decisions about trade name, partnership agreement, incorporation, budgeting, marketing, inventory, advertising, hiring employees, raising capital, recordkeeping, taxes, and insurance. Two disks. $59.95
Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

The Ad Game
Learning objective is to read a vertical bar graph and interpret the data for maximum results. The student is given a product to sell and profile the age groups that buy it. The goal is to use the most effective advertising medium–radio, TV, newspaper, and magazine–to reach the greatest audience. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

❖ *ECONOMICS* ❖

Spell M-O-N-E-Y
The learning objective is to identify the definitions of basic economic terms. The student's goal is career advancement and security through education and promotion. Wages and saving may increase as a part of performance evaluation. NTSC only. $29.95
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❖ *ELEMENTARY* ❖

◆ **A B C Land**
Candice and Cory go on a terrific adventure in A B C Land where they will search for the letters of the alphabet. But the journey is not without dangers. Beware of the falling eggs and pieces of cheese as they are able to stop you. Can you collect all the letters of the alphabe without getting caught? There are eight stages to enhance your alphabet skills. 19 great characters will keep children amused and amazed for hours. $24.95
Cancor, 14 Garrard Rd., Whitby, Ontario, Canada L1N 3K3, (416) 434-4247

A Christmas Carol
Complete bookdisk of Dickens' A Christmas Carol with at least 10 illustrations and talking slide show. Two disks. $7.00
Jumpdisk, 1493 Mountain View Ave., Chico, CA 95926, (916) 343-7658

ABC's
Another talking story for the Talking Storybook. Young children can learn the alphabet through enjoyable pictures and graphics. Speech, music, and digitized sounds make the story enjoyable as they learn. $29.95
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ABCgames
Five levels of alphabet-playing fun. Exercises begin with introduction to individual letters, followed by the entire alphabet, finding letters on the screen, keyboard letter entry, and finally the spelling of simple words from modifiable lists. Tutorials on mouse and keyboard use included. Intended for pre-school to second grade users. No reading or writing skills required. ABCgames is designed specifically for the Amiga, and fully utilizes the music, speech, animation, and color capability of the computer. Requires 512K memory with mouse. Operates on Version 1.2 or 1.3. PAL/NTSC compatible. ABCgames is not copy-protected. $30.00
Parth Galen, P.O. Box 482, Cold Spring, MN 56320, (612) 685-8871

Aesop's Fables
Twelve illustrated stories with reading and vocabulary questions, 800-word spelling list. Ages 6-9, one or two players. Four different learning games are included. You may also add your own weekly spelling lists for practice. Memory game options include matching pictures to pictures, pictures to words, words to words, or words to contractions. Uses speech and great graphics. $39.95
Unicorn Software Company, 6000 South Eastern Ave., Building 9, Ste. A, Las Vegas, NV 89119, (702) 597-0818

❷ **Clock Works**
Version 1.1 PAL and NTSC available now. Teaches telling the time and introduces number ideas. Clocks of four sorts and shapes with digitized sound: Cuckoo, Westminster chimes, and human speech. Digital clock has 24-hour option. Works in clock-setting and question modes. PAL/NTSC, AmigaDOS 1.2-2.0 compatible. $24.95
Lascelles Productions, 401 Lascelles St, PO Box 959, Hastings, New Zealand, (011) 64-6-878-9652

Coloring Disk #1-Alphabet
To be used with My Paint, Coloring Disk #1 presents all the letters of the alphabet with a corresponding drawing to color in. Each letter also has accompanying digitized speech, which enunciates the name of the letter and the object or animal next to it. All new drawings include: cake, duck, fruit, elephant, goat, kite, owl, inchworm, vegetables, xylophone, watermelon, jam, bear, and more! $29.95
Centaur Software, Inc., 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

Coloring Disk #2-Majelix
To be used with My Paint, Coloring Disk #2-Majelix is a beginning reading method based on phonics and sight reading. The Majelix coloring disk provides an introduction to all twenty-nine of the Majelix characters. The names of these enjoyable characters contain all the clues to the series one phonics code. These coded names provide the child with an easily accessible unconscious reference to the phonics code. $29.95
Centaur Software, Inc., 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

Early Math MA-902
This disk contains four programs. The learner counts steam engines or box cars and names the numeral. The student identifies the missing number in a three-number counting sequence. A dump truck hauls answers away. The learner adds two groups of objects either by counting or by identifying the sum of their numerals. By means of objects pictured on the screen, the student is introduced to the operation of subtraction. NTSC only. $49.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Electric Crayon Deluxe: All Dogs Go To Heaven
Simply point and click on the color palette of 24 colors out of 4,906 available, then click the crayon in the area you want to fill! The Electric Crayon Deluxe computer coloring books offer Custom Banner, Calendar, and Poster-Making capabilities, and digitized sound. Design a banner with a colored picture at each end and your personal message in the middle. Write poster messages to be displayed below your work of art, or print the picture with the computer-supplied description that will describe facts about the animal you've just colored! Make calendars and mark special occasions with 64 colored stickers enclosed in the package. See CDTV section also. $14.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Electric Crayon Deluxe: At the Zoo
The next best thing to being there! As each picture is accessed, a digitized sound file is played of the lion, tiger, bear, etc. You can color the picture and play the sound over and over. There is also a Description file to accompany each picture containing information and little known facts about the featured animal. Each picture can be printed in color and black and white with one of six print options, including: Custom Banner, Personalized Message, Print with Description, and Print with Calendar. A sheet of 64 color stickers is included to mark special days on the calendars. $14.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Electric Crayon Deluxe: Teenage Mutant Ninja Turtles
The Turtles' World Tour contains 30 pictures of the Teenage Mutant Ninja Turtles visiting famous world landmarks such as the Statue of Liberty, Mount Rushmore, and Stonehenge. Children can color and enjoy each picture time and time again. Print banners as well as posters and calendars of their favorite turtle scenes. $14.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

◆ **KeyBang**
KeyBang encourages very young children to the computer by responding to their input with images and sounds. Many images and sounds are supplied or you can add your own IFF image or sound files. KeyBang also provides an impenetrable barrier between your child and your data by intercepting all input. Under AmigaDOS 2.0 or greater KeyBang can be installed as a screen blanker to activate itself automaticallly when you leave your Amiga unattended. $19.95
Krueger Company, The , 1544 West Mineral Road, Tempe, AZ 85283, (602) 820-5330

❷ **Kim**
A visual memory challenge based on a favorite children's party game 'Kim.' Objects are displayed for a set time and disappear, then reappear with others. Players select correct ones, by pictures or words. Groups include fruit/vegetables, transport, animals, flags, numbers, letters, food, common articles. Plus chance to create own sets with any graphics program! Scores are recorded; play alone or with a friend. Used to help reading too. Comes with a book of the illustrations which may be photocopied for use with program. NTSC/PAL, AmigaDOS 1.2-3.0 compatible. HD installable. $29.95
Lascelles Productions, 401 Lascelles St, PO Box 959, Hastings, New Zealand, (011) 64-6-878-9652

Kinderama
Five talking games with animated graphics. Beginning addition, subtraction, upper and lower case letters, and more. Awarded Best Educational Program of 1988 by Commodore. Uses speech to enforce learning. Also includes a Robot Construction Set for creative fun. $39.95
Unicorn Software Company, 6000 South Eastern Ave., Building 9, Ste. A, Las Vegas, NV 89119, (702) 597-0818

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READY ROBOT CLUB
INTERNATIONAL MONTHLY EDUCATIONAL DISK
For Kids 5 to 12. Any Amiga 1-MB, 1.2, 1.3, 2.0, NTSC & PAL. English language only. All original. No ShareWare. Quality Graphics, Speech, Point & Click Menu, Thinking Games, Stories, History, To Do, Space, Music, Coloring Book, Jokes, Parent-Teacher Corner. Hard disk O.K. Since July 1990. Hours of educational fun at your door every month.
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LOOK!HEAR!
LOOK!HEAR! uses bright animated graphics, large clear letters, and natural digitized speech to teach and test 'sight words': the 360 core words children up to and including the eight-year-old level should recognize and pronounce instantly. Also for anyone with reading problems or learning English. Comprehensive recording and printing of progress. Contains three data disks with 360 words. Inquiries for special languages are welcome. NTSC/PAL. Requires 1MB. AmigaDOS 1.2-3.0 compatible. $45.00
Lascelles Productions, 401 Lascelles St, PO Box 959, Hastings, New Zealand, (011) 64-6-878-9652

Little Red Hen (story diskette)
Enjoy the story of the Little Red Hen as she works, plants, harvests the wheat, makes flour, and bakes bread. Featuring digitized and synthesized sounds, music, and animation. For use with Talking Storybook reader diskette. $29.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

Match-it
Teaches children basic colors and shapes through games and tutorials. $39.99
Other Guys, The , 297 E. 200 N., P.O. Box H, Logan, UT 84323, (801) 753-7620

MatchIt!, SnapIt! & RememberIt!
Three programs on one disc. In SnapIt!, cards are dealt from both hands. Hit the Snap! button if they match before time runs out. Develops one-to-one matching. In MatchIt!, a new card pops up and you have to find a match in the tray before time runs out and the Amiga steals the card. Develops one-to-many matching/scanning skills. In RememberIt!, select a square to reveal a card. Select another to find a match. If they don't match, both will disappear. Develops many-to-many matching and visual memory. The package features an on-disk interactive manual, the ability to add your own pictures, and subject matter is user definable—examples include maths, colors, and language, visual perception. $30.00
Think Limited, Prudential Buildings, 46C High Street, Erdington, Birmingham, West Midlands, B23 6RH England, (011) 4421-384-4168

My Paint 2.0-The Paint Program Just For Kids
My Paint is an easy-to-use, educator-approved, and classroom-tested paint program which has been designed especially for children. Everything about it, from the color of the program disk to easy user interface with animated icons, was designed with youngsters in mind. The interface is entirely based upon intuitive icons, and no reading skills are required. Features include colorful, animated icons for all tools, a complete 'coloring book' of pictures to be colored, sampled sounds which accompany each picture, multiple brush sizes, special 'surprise' pictures, painting and mirror modes, special effects, color cycling, and more. As enhancements to the program itself, a series of optional, educational 'coloring book' disks which teach the alphabet, phonetics, reading skills, and other concepts to young minds are also available. Upgrades are available to registered users for $14.95. See CDTV section also. $49.95
Centaur Software, Inc., 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

My Paint Coloring Disk #1
Alphabet Fun! Each of the letters of the alphabet is presented with an amusing, interesting drawing for kids to color in. All the letters of the alphabet have digitized speech accompanying them, saying the name of the letter and the corresponding object or animal. Great, educational fun for all young children. $19.95
Centaur Software, Inc., 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

My Paint Coloring Disk #2
Majelix is a beginning reading method based on phonics and sight reading. The Majelix coloring disk provides an introduction to all 29 of the enjoyable Majelix characters. The Majelix character names provide children with a powerful reference to the English phonics code which helps them with their reading skills. $19.95
Centaur Software, Inc., 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

Nimble Numbers
Takes a child from the skill of counting to learning basic number facts. 'I want to count' displays from 1-5, 1-10 or 1-15 large colorful fish. Child points to correct number. Graphic rewards and clear reinforcement with natural digitized speech. Simple addition, subtraction, multiplication, division problems are presented, with bold bright display of equations. Child uses mouse to select correct answer. Also available in MAORI version. NTSC/PAL, AmigaDOS 1.2-2.0 compatible. $24.95
Lascelles Productions, 401 Lascelles St, PO Box 959, Hastings, New Zealand, (011) 64-6-878-9652

Nursery Rhymes (story diskette)
Children learn to read with familiar rhymes such as Jack and Jill, Humpty Dumpty, Little Miss Muffett, and more. For use with Talking Storybook reader diskette. $29.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

PhunnyPhonemes
Sixteen phoneme types and more than 100 letter combinations regularly used in English spelling are taught in a game environment. Exercises take place in the classroom of a computer school and on the job at a space station construction site. Spoken instructions provided within the game; no initial reading or writing skills required. Exercises bracket Grades 1 through 6 skill levels; an editing program is included to modify lessons. Fully utilizes Amiga music, speech, color, and animation. Two disks with 80-page manual. Requires 1MB one disk drive, and mouse or trackball. PAL/NTSC compatible; Workbench 1.2/1.3/2.0. AmigaDOS 2.0 compatible. Not copy protected. $33.00
Parth Galen, P.O. Box 482, Cold Spring, MN 56320, (612) 685-8871

RE-910 Learning the Alphabet
Teaches upper and lower case letters in sequence. Uses mouse for easy responding. The computer speaks throughout each lesson. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

RE-915 Beginning Reading
Beginning reading skills on four disks, grades K-3. All lessons are phonics-based. Teaches more than 1000 words. Uses mouse for easy responding. The computer speaks throughout each lesson. NTSC only. $89.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Read & Rhyme
Outer-space theme. Talking language arts activities in phonics, reading, rhyming, and more. Ages 5-10, one or two players. $39.95
Unicorn Software Company, 6000 South Eastern Ave., Building 9, Ste. A, Las Vegas, NV 89119, (702) 597-0818

Read-a-Rama
Talking program with six language arts activities. Includes authoring system for parents to create lessons. Ages 5-8 (two disks). Parents may add weekly spelling lists for practice. $39.95
Unicorn Software Company, 6000 South Eastern Ave., Building 9, Ste. A, Las Vegas, NV 89119, (702) 597-0818

Reading Adventures I-III
Interactive reading game allows players to participate in completing the story. Adventure 1, $39.95; Adventures 2 and 3, $59.95. $39.95
Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

Reading and Thinking Series 1-3
Challenging reading comprehension tutorial which teaches analytical skills so important to good comprehension. $45.00
Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

◆ **Ready Robot Club Kid Desk**
80/40 column simple word processor for children, name/address database, clock, calendar, calculator, reminder notes, dictionary, typing practice games. Parents or teacher may enter spelling lists and the program will test the child. Home or school. All Amigas with at least 1 Megabyte ram. NTSC and PAL. English language. Not in stores. Current Ready Robot Club Members: $30.00. Non-members (Includes 6 month Ready Robot Club membership): USA:$68, Canada:$76, Other:$76. (See listing for Ready Robot Club monthly disk.)
Signs Etc. by D. Knox, P. O. Box 628, Carmichael, CA 95609, (800) 634-2952 orders
Please see display ad p.42.

Ready Robot Club Monthly Disk
For children 5 to 12. Any Amiga. 1 Megabyte RAM. NTSC and PAL. English language. A disk of educational fun every month. No Shareware. All original programs, graphics, sound. Easy mouse click menus. Optional speech. Stories, History, Science experiment, Music, Project, Space news, Parent/Teacher corner. Coloring book/drawing program. 3-level testing, Games: concentration, jigsaw, maze, spelling, vocabulary, Connect numbers find words, jokes. Home or school. Free music disk to new members. Not available in stores. Membership USA:$38/6mo.,$69/12mos. Canada: $42/6mos., $77/12mos. Others: $46/6mos., $85/12mos.
Signs Etc. by D. Knox, P. O. Box 628, Carmichael, CA 95609, (800) 634-2952 orders
Please see display ad p.42.

Robot Readers: Aesop's Fables
Reading game uses popular fairy tale to help children learn to read. Each word changes color as it is read aloud. Adjustable reading speed. $29.95
Hilton Android, 35 Esplanade, Irvine, CA 92715, (714) 651-8024

Robot Readers: Chicken Little
Reading game uses popular fairy tale to help children learn to read. Each word changes color as it is read aloud. Adjustable reading speed. $29.95
Hilton Android, 35 Esplanade, Irvine, CA 92715, (714) 651-8024

Robot Readers: The Ugly Duckling
Reading game uses popular fairy tale to help children learn to read. Each word changes color as it is read aloud. Adjustable reading speed. $29.95
Hilton Android, 35 Esplanade, Irvine, CA 92715, (714) 651-8024

Robot Readers: Three Little Pigs
Reading game uses popular fairy tales to help children learn to read. Each word changes color as it is read aloud. Adjustable reading speed. $29.95
Hilton Android, 35 Esplanade, Irvine, CA 92715, (714) 651-8024

Robot Readers: Little Red Hen
Reading game uses popular fairy tale to help children learn to read. Each word changes color as it is read aloud. Adjustable reading speed. $29.95
Hilton Android, 35 Esplanade, Irvine, CA 92715, (714) 651-8024

Robot Readers: The Three Bears (Goldilocks)
The sixth program in the talking Robot Readers series for the Amiga computer. Beautifully illustrated classic stories for preschool through primary grade children, Robot Readers combine the

latest research in the field of reading with the unique capabilities of the Amiga computer. Advanced mouse-driven features include reading aloud with each word changing color as it is spoken, an adjustable reading speed, pointing and clicking for the whole word and letter sound out, a Find-the-Word game, and audio-visual identification of the characters and objects in the illustrations. $29.95
Hilton Android, 35 Esplanade, Irvine, CA 92715, (714) 651-8024

Sammy the Clown's Playground Volume One Version 1.1
Sammy the Clown's Playground was designed to provide a quality computing experience for parents and their children aged 2 to 5. The program presents the child with shape recognition, mouse instruction, sound recognition and much more in a non-competitive manner. Using bright colors, speech, digitized sound and mouse control, this program will spark the imagination of your child as only the Amiga can. Version 1.1 features improved speech. Dealer inquiries welcome. Educational site license and discounts available. 2.0 compatible. 1MB required. $19.95
Gifted Artists, 3216 Summit Ave., Baltimore, MD 21234, (410) 347-8395 bef. 5

❷ Snow Words
A little like Tetris, a little like Scrabble, but NEW. Concentrate madly as you try to make words from random letters on snowflakes before they melt. Control play speed, even stop action—with a penalty. Golden snowflakes can represent any letter. Sophisticated scoring, Honors Board, score printing, full animation. Fun for all ages, extends vocabulary, improves children's spelling and reading skills. NTSC/PAL, requires 1MB. AmigaDOS 1.2-3.0 compatible. See N. American address in Vendor Information. $30.00
Lascelles Productions, 401 Lascelles St, PO Box 959, Hastings, New Zealand, (011) 64-6-878-9652

Tales From The Arabian Nights
Three stories with graphics, questions, and glossary. Several games, mini-word processor. Ages 8-12, 1-2 players (2 disks). Talking program helps develop important comprehension and vocabulary skills. $39.95
Unicorn Software Company, 6000 South Eastern Ave., Building 9, Ste. A, Las Vegas, NV 89119, (702) 597-0818

The Adventures of Sinbad
Three stories, over 600 questions. One or two players. Join Sinbad to earn his fortune and see the world. Includes mini-word processor, and more. This talking program builds vocabulary and comprehension skills. $39.95
Unicorn Software Company, 6000 South Eastern Ave., Building 9, Ste. A, Las Vegas, NV 89119, (702) 597-0818

The Legend of Sleepy Hollow
A complete bookdisk of The Legend of Sleepy Hollow. Includes over 10 illustrations and talking slide show. $4.00
Jumpdisk, 1493 Mountain View Ave., Chico, CA 95926, (916) 343-7658

The Sesame Street Crayon Series: Letters for You
The Sesame Street gang introduces children to the ABC's. Offers coloring entertainment and education. Contains dozens of reusable pictures with point and click coloring. This program includes digitized sound files of childrens' voices describing each picture, which can be played over and over. There is also a poem accompanying each picture to enhance learning. Each picture can be printed in color or black and white with one of six print options including: Custom Banner, Personalized Message, Calendar, and Print with Description. There is a sheet of 64 stickers included to mark special days on the calendars. $19.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

The Sesame Street Crayon Series: Numbers Count
The Sesame Street gang introduces children to numbers and offers coloring entertainment and education. Contains dozens of reusable pictures with point and click coloring. This program includes digitized sound files of children's voices describing each picture, which can be played over and over. There is also a poem to accompany each picture to enhance learning. Each picture can be printed in color or black and white with one of six print options which include: Custom Banner, Personalized Message, Calendar, and Print with Description. There is a sheet of 64 stickers included to mark special days on the calendars. $19.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

The Sesame Street Crayon Series: Opposites Attract
The Sesame Street gang introduces children to opposites. Offers coloring entertainment and education. Contains dozens of reusable pictures with point and click coloring. This program includes digitized sound files of children's voices describing each picture, which can be played over and over. There is also a poem accompanying each picture to enhance learning. Each picture can be printed in color or black and white with one of six print options including: Custom Banner, Personalized Message, Calendar, and Print with Description. There is a sheet of 64 stickers included to mark special days on the calendars. $19.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

The Talking Coloring Book
Talks to the child and teaches color recognition. Drawing option allows children to draw, color, and print their own pictures. In practice option, using a teacher approach, the computer patiently helps preschoolers learn colors and the color words. $29.95
JMH Software, 7200 Hemlock Lane, Maple Grove, MN 55369, (612) 424-5464

The Three Bears (story diskette)
Enjoy a familiar story while learning to read or improve reading skills. Uses digitized sounds, entertaining graphics, and four-part harmony music. For use with Talking Storybook reader diskette. $29.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

The Wonders of the Animal Kingdom
Six activities teach about the animal kingdom and develop reading and vocabulary skills. One to four players, graphics, voice. Age 6-12. $39.95
Unicorn Software Company, 6000 South Eastern Ave., Building 9, Ste. A, Las Vegas, NV 89119, (702) 597-0818

❖ *ENGLISH* ❖

Antonyms
Antonyms are the focus of this interactive teaching program. Each lesson gives the learner practice in supplying the antonyms of words presented by the computer. The student can request help from the computer as needed. NTSC and PAL. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

CP-941 Capitalization
Capitalization teaches students how to capitalize words correctly within sentences. Nine lessons teach 24 capitalization rules. NTSC and PAL. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Developing Writing Skills
Excellent tutorial for students in grades 6-9. Requires 256K, 512K recommended. $60.00
Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

GR-910 Basic Grammar
Basic Grammar teaches students to identify nouns, verbs, adjectives, prepositions, conjunctions, and interjections. The program teaches and tests for mastery learning. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

How to Spell
A tutorial on the principles of correct spelling. Each rule is explained, illustrated, and drilled. Each wrong answer brings additional remediation. Grades 4-7. $39.95
Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

Image Spinning (Creative Writing)
This program provides practice in putting together effective images that can be used in almost any kind of creative writing, especially in poetry. Throughout this exercise, the computer acts as an idea starter, while the final results are entirely the student's own. NTSC only. $49.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Land of the Unicorn
Educational program for grades 3-8 covering synonyms and antonyms, as well as problem solving. Includes intricate maze game. $39.95
Unicorn Software Company, 6000 South Eastern Ave., Building 9, Ste. A, Las Vegas, NV 89119, (702) 597-0818

Mr. Robot's Speak'n Spell
Picture-oriented word game for ages 6 and up. Players try to match words with pictures and clues. Includes music, crossword puzzles, animated talking robot, and 1020 color pictures (20MB uncompressed). Teaches over 1000 word spellings, meanings, and pronunciations of increasing difficulty in 204 levels of play. $49.95
Brain Technologies Co., P.O. Box 215147, Sacramento, CA 95821, (800) 272-4601

PU-940 Punctuation
Teaches students how to punctuate properly. Contains four lessons which teach 42 punctuation rules. NTSC and PAL. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Practical Composition I-V
The rules of good writing are the focus of these tutorials, which are followed by practice materials aimed toward the development of effective writing skills. Each disk presents a series of related concepts, explains each concept, tests the student's understanding, and provides examples, using multiple-choice, fill-in-the-bland, and 'cloze' technique exercises. I–Using words correctly. II–Logical, clear sentences. III–Selecting the best approach. IV–Making sentences work. V–Using words correctly. Volumes I, III, III, IV, and V are $34.95 each. Volume II (two disks) is $74.95. $229.95
Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

Practical Composition PKG I-V
Comprehensive tutorials will improve writing skills of high school students and above. Requires 256K, 512K recommended. $229.95
Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

Practical Vocabulary
High school-level drill for recognition and use of definitions, antonyms, synonyms, word roots, and prefixes. $54.95
Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

RE-841 Basic Reading Literacy (Set One)
This instructional series is designed both for young people and older adults who can understand and use spoken English, but who cannot read it. Set One is at an entry level. It assumes zero ability to read by the learner. $189.00
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

RE-921 Booksoft One Comprehension-Elementary Level for Jr./Sr./High School Students
Uses a combination book-with-software approach to instruction. Ten story lessons feature easy vocabulary with older level reading content. NTSC and PAL. $39.00
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

RE-940 Stories in Reasoning with the Great Detective Genlock
The student's task is to draw conclusions from given facts within a variety of story situations. Secret passwords. Genlock Holmes and reasoning grids are involved in each story exercise. This reading comprehension program challenges students to do more than just recall information. It responds to those education critics who want programs that make students think. NTSC and PAL. $49.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

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Education

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RE-942 Reading Detective: A Word Game
This is for anyone who wants to cope with a new way of reading the ANGUISH LANGUISH. Decipher what happened when LITTER WE RYE DING HOOT METER WICKET WOOF ASH SHAY VENT TOUR GROIN MURDERS COD DITCH HONOR UDDER SIGHED OFFER LODGE DOCK FLORIST, and so on with other examples of your own. Perhaps you yourself might become a writer of the ANGUISH LANGUISH! If you, or some of your students, think it would be fun to grapple with English that has run amuck, we recommend this program. NTSC and PAL. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Reading and Thinking I–III
Designed to help train students who read well but comprehend only at the factual level, this series of programs stresses the interpretive or inferential level, and the evaluative or critical level of reading. These programs provide a challenge to gifted students as well as older students requiring remediation, because the vocabulary is controlled but the questions require good analytical powers. Each level $54.95. $54.95
Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

SP-902 Spelling
Blends speech with screen-printed text. For grade 2. Eighteen programs per grade-level disk, 360 words, spelling, and pronunciation. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SP-903 Spelling
Blends speech with screen-printed text. For grade 3. Eighteen programs per grade-level disk, 360 words, spelling, and pronunciation. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SP-904 Spelling
Blends speech with screen printed text. For grade 4. Eighteen programs per grade-level disk, 360 words, spelling, and pronunciation. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SP-905 Spelling
Blends speech with screen printed text. For grade 5. Eighteen programs per grade-level disk, 360 words, spelling, and pronunciation. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SP-906 Spelling
Blends speech with screen printed text. For grade 6. Eighteen programs per grade-level disk, 360 words, spelling, and pronunciation. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SP-907 Spelling Detective Game
Become the Great Spelling Detective and learn how to spell 100 of the most frequently misspelled words in the English language. Along the way you will discover how the Amiga is programmed to speak words like 'acquaintance,' 'noticeable,' 'occurence,' and 'privilege.' NTSC and PAL. $39.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Spell-A-Fari
Uses synthesized and digitized speech to teach spelling skills. Create and edit spelling lists of up to 54 words. High-quality graphics animations. Six games to print to the printer or play from the computer. $39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

Spelling 1
Expansion Disk for Discovery spelling game for grades 1 through 10. Requires Discovery program disk. $19.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Spelling 2
Expansion Disk for Discovery grades 9 through 12. Spelling proficiency advances through ten levels. Requires Discovery program disk. $19.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Spelling Fair
For ages 7-13. Six programs, each with three levels of difficulty, cover variety of spelling techniques, teaching plurals, similes, suffixes, prefixes, and homophones. Dictionary of 3,000 carefully selected words that often cause children difficulty; new words can be added. Colorful fairground atmosphere. £25.99.
Europress Software, Europa House, Adlington Park, Macclesfield SK10 4NP, England, (011) 44-625-859-333

The Word Master Vocabulary Builder
Four educational activities designed to build word-power skills, including placement test and Pac Man-type maze game. Designed for grades 3-8. Expandable with Supplementary Data Disk for grades 9-12. $39.95
Unicorn Software Company, 6000 South Eastern Ave., Building 9, Ste. A, Las Vegas, NV 89119, (702) 597-0818

VO-920 Vocabulary Series One
Vocabulary series high-level package includes words from the 'New York Times,' 'Atlantic Monthly', etc. Learner-controlled instruction. Eighteen lesson games teach more than 700 vocabulary words. Each lesson game can be played by one to four players. NTSC only. $49.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

VO-921 Vocabulary Series Two
In this series of lessons, the user works with words that have the same, or similar meanings as other words. For example, the words 'banish' and 'eject' could be paired as synonyms. A combination of multiple choice, fill in the blanks, and spelling tasks are involved. The Amiga will provide assistance as needed. NTSC only. $49.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Vocabulary Adventure I: The Castle of Treasures
Grades 4-6. This adventure takes place in an imaginary 50-room castle. The player begins in the Entry Room and must try to enter each of the other 49 rooms, accumulating treasures as he or she progresses. Treasures are worth a varying number of points and become increasingly more challenging to obtain within each room. Players can also pick up points while traveling through passageways from room to room. $49.95
Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

Vocabulary Adventure II: The Labyrinth
Grades 6-8. Players explore an imaginary labyrinth, accumulating points as they go. Each area features three multiple-choice vocabulary questions describing the area and the creature that lives there. Players can also pick up points while traveling through passageways. $49.95
Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

Vocabulary Adventure III: Marauders of the Lost Ark
Players take on the role of explorers as they search for treasures throughout the ark, moving to a new location after solving each vocabulary mystery. $49.95
Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

Vocabulary Adventure Package 1-3
Text-based simulations: An exciting way to master new vocabulary. Requires 256K, 512K recommended. $45.00
Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

WD-915 Word Demons
A lesson in usage of homonyms and verbs. The six lessons on this disk help you learn the correct usage of certain sets of words that often give trouble. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

WD-916 Usage Boners
In this series of lessons, the user learns to identify common mistakes in usage, such as,' I Should Of Know', or 'He Gave It To Mary And I.' NTSC only. $49.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Word Construction Set
Teaches English word building, recognition, and vocabulary skills for 1000 words through consonant and vowel patterns, word endings, prefixes, homophones, compounds, and Greek and Latin bases. To construct each word, user is given clues by sound, sentence, graphics, and sets of phoneme and word 'chunks.' Imaginary words can also be created by point and click. For A500/600/2000/3000. Requires 1MB. Hard drive installable, WB 3.0 compatible. $46.75
Lascelles Productions, 401 Lascelles St, PO Box 959, Hastings, New Zealand, (011) 64-6-878-9652

Words That Sound Alike
In this program, the student learns to identify and spell words that sound the same but are spelled differently. For example, 'wait' and 'weight,' or 'steak' and 'stake.' The Amiga provides help when needed. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

❖ *ENGLISH* ❖ *AS A SECOND LANGUAGE*

Audio Gallery-ESL/Oriental
Audio Gallery-ESL/Oriental is a talking picture dictionary which teaches you the vocabulary of American English. Includes 30 common scenes, such as Living Room, World Geography, Weather, etc. Point and click on the objects in the picture to hear them pronounced by a native speaker. Translations provided in Chinese, Japanese, and Korean. Contains seven-disk set with over 800 digitized words, quizzes, on-line dictionary and English language grammar manual. NTSC or PAL. Requires 512K RAM, disk drive. AmigaDos 2.0 compatible. Also available on CD. Australian dist. Kaotic Koncepts, Underbool 3509, Victoria, 50-946-358. $89.95
FairBrothers, Inc., 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954

Audio Gallery-ESL/Romance
Audio Gallery-ESL/Romance is a talking picture dictionary which teaches you the vocabulary of American English. Includes 30 common scenes such as Weather, Country, Supermarket, etc. Point and click on the objects in the picture to hear them pronounced by a native speaker. Translations provided in French, German,and Spanish. Contains seven-disk set with over 800 digitized words, quizzes, on-line dictionary, and English language grammar manual. Adjusts to NTSC/PAL. Requires 512K, disk drive. AmigaDOS 2.0 compatible. Also available on CD. Australian dist. Kaotic Koncepts, Underbool 3509, Victoria, 50-946-358. $69.95
FairBrothers, Inc., 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954

LA-985 American English for Spanish Speakers
A two-disk set. All screen messages for the learner are in Spanish. The computer speaks throughout each lesson. NTSC and PAL. $69.00
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

LA-986 American English for German Speakers
A two-disk set. All screen messages for the learner are in German. The computer speaks throughout each lesson. NTSC and PAL. $69.00
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

LA-987 The English Alphabet for Speakers of Urdu
The computer speaks both English and Urdu throughout each lesson. NTSC and PAL. $39.00
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

LA-988 American Idiomatic English
Designed for persons who can understand plain

English, but who may not understand expressions. Especially useful for, but not limited to, individuals who are learning English as a second language. NTSC and PAL. $39.00
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Learning English As A Second Language
This 13-disk series begins the job of teaching English as a second language. Digitized pictures are extensively employed. The Amiga speaks throughout the entire series. The mouse is the response device. Note: This series begins the job of teaching American English as a second language. As such, it is suitable only for persons who do not yet know English. It would be too simple for anyone who's beyond that point. NTSC and PAL. $389.00
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

❖ *FOREIGN LANGUAGES* ❖

Ⓐ Audio Gallery-Chinese
Audio Gallery-Chinese is a talking picture dictionary which helps you learn written and spoken Mandarin Chinese. Contains over 25 illustrations of scenes such as Kitchen, Communications, and Classroom. Click on an object in the picture to hear it pronounced by a native speaker and see the translations in characters, Pinyin and English. Seven-disk set contains over 700 digitized word and phrases. Includes on-line dictionary, quizzes, and associated grammar manual. Adjusts to NTSC/PAL. Requires 512K, disk drive. AmigaDOS 2.0 compatible. Also available on CD. Australian dist. Kaotic Koncepts, Underbool 3509, Victoria, 50-946-358. $89.95
FairBrothers, Inc., 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954

◆ Audio Gallery-Dutch
Audio Gallery-Dutch is a talking picture dictionary which teaches you the vocabulary of modern Dutch. Consists of an 8 disk set with over 800 digitized words arranged by general topics such as weather, food, etc. Click on the object in the picture to hear it pronounced and see it spelled. Includes quizzes, dictionary and grammar manual. 1 MEG and hard disk recommended. NTSC/PAL. Also available on CD. $69.95
FairBrothers, Inc., 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954

Ⓐ Audio Gallery-ESL/Oriental
Audio Gallery-ESL/Oriental is a talking picture dictionary which teaches you the vocabulary of American English. Includes 30 common scenes, such as Living Room, World Geography, Weather, etc. Point and click on the objects in the picture to hear them pronounced by a native speaker. Translations provided in Chinese, Japanese, and Korean. Contains seven-disk set with over 800 digitized words, quizzes, on-line dictionary and English language grammar manual. NTSC or PAL. Requires 512K RAM, disk drive. AmigaDos 2.0 compatible. Also available on CD. Australian dist. Kaotic Koncepts, Underbool 3509, Victoria, 50-946-358. $89.95
FairBrothers, Inc., 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954

Ⓐ Audio Gallery-ESL/Romance
Audio Gallery-ESL/Romance is a talking picture dictionary which teaches you the vocabulary of American English. Includes 30 common scenes such as Weather, Country, Supermarket, etc. Point and click on the objects in the picture to hear them pronounced by a native speaker. Translations provided in French, German,and Spanish. Contains seven-disk set with over 800 digitized words, quizzes, on-line dictionary, and English language grammar manual. Adjusts to NTSC/PAL. Requires 512K, disk drive. AmigaDOS 2.0 compatible. Also available on CD. Australian dist. Kaotic Koncepts, Underbool 3509, Victoria, 50-946-358. $69.95
FairBrothers, Inc., 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954

Ⓐ Audio Gallery-French
Audio Gallery-French is a talking picture dictionary which helps you learn the vocabulary of continental French. Includes 28 scenes of general interest such as kitchen, classroom, weather, etc. Point and click on the objects in the picture to hear them pronounced by a native speaker. Eight-disk set has over 700 digitized words. Includes quizzes, on-line dictionary, and grammar manual. Adjusts to NTSC/PAL. Requires 512K RAM, one disk drive. Also available on CD. AmigaDOS 2.0 compatible. Australian dist. Kaotic Koncepts, Underbool 3509, Victoria, 50-946-358. $69.95
FairBrothers, Inc., 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954

Ⓐ Audio Gallery-German
Audio Gallery-German is a talking picture dictionary which helps you learn the vocabulary of Hochdeutsch German. Over 25 scenes of general interest, such as Transportation, Family Tree, City Center, etc. Point and click on the objects in the picture to hear them pronounced by a native speaker. Seven-disk set has over 700 digitized words. Includes quizzes, on-line dictionary, and grammar manual. Adjusts to NTSC/PAL. Requires 512K RAM, one disk drive. AmigaDOS 2.0 compatible. Also available on CD. Australian dist. Kaotic Koncepts, Underbool 3509, Victoria, 50-946-358. $69.95
FairBrothers, Inc., 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954

Ⓐ Audio Gallery-Italian
Audio Gallery-Italian is a talking picture dictionary which teaches you the vocabulary of modern Italian. Includes 28 scenes of general interest such as Weather, Kitchen, and Alphabet. Point and click on the objects in the picture to hear them pronounced by a native speaker. Seven-disk set has over 700 digitized words. Includes quizzes, on-line dictionary, and grammar manual. Adjusts to NTSC or PAL. Requires 512K RAM, disk drive. AmigaDOS 2.0 compatible. Also available on CD. Australian dist. Kaotic Koncepts, Underbool 3509, Victoria, 50-946-358. $69.95
FairBrothers, Inc., 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954

Ⓐ Audio Gallery-Japanese
Audio Gallery-Japanese is a talking picture dictionary which teaches you modern spoken and written Japanese. Contains over 30 colorful IFF illustrations of scenes such as Kitchen, Shopping, and Animals, combined with over 800 digitized letters, words, and phrases. Seven-disk set presents Katakana and Hiragana syllabary, Kanji characters, Hepburn romanization, and English translations. Includes on-line dictionary, quizzes, and grammar manual. NTSC or PAL. Requires 512K RAM, disk drive. AmigaDOS 2.0 compatible. Also available on CD. Australian dist. Kaotic Koncepts, Underbool 3509, Victoria, 50-946-358. $89.95
FairBrothers, Inc., 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954

Ⓐ Audio Gallery-Korean
Audio Gallery-Korean is a talking picture dictionary which teaches you modern spoken and written Korean. Contains over 30 colorful IFF illustrations of scenes such as Face and Body, Professions, and Animals, combined with over 800 digitized letters, words, and phrases. Seven-disk set presents Hangul syllabary and characters and English translations. Includes on-line dictionary, quizzes, and grammar manual. NTSC or PAL. Requires 512K RAM, disk drive. AmigaDOS 2.0 compatible. Also available on CD. Australian dist. Kaotic Koncepts, Underbool 3509, Victoria, 50-946-358. $89.95
FairBrothers, Inc., 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954

Ⓐ Audio Gallery-Portuguese
Audio Gallery-Portuguese is a talking picture dictionary which teaches you the vocabulary of modern Portuguese. Includes 30 colorful scenes such as Places, Numbers, and Places of Interest. Point and click on the objects in the picture to see how they are spelled in Portuguese and translated into English, and to hear them pronounced by a native speaker. Seven-disk set has over 700 digitized words. Includes quizzes, on-line dictionary, and grammar manual. Adjusts to NTSC and PAL. Requires 512K RAM, disk drive. Amiga DOS 2.0 compatible. Also available on CD. Australian dist. Kaotic Koncepts, Underbool 3509, Victoria, 50-946-358. $69.95
FairBrothers, Inc., 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954

Ⓐ Audio Gallery-Russian
Audio Gallery-Russian is a talking picture dictionary which teaches you the vocabulary of modern Russian. Includes 30 scenes of general interest such as Shopping, Places, Numbers, etc. Point and click on the objects in the picture to see how they are spelled in cyrillic and translated into English, and to hear them pronounced by a native speaker. Eight-disk set has over 700 digitized words. Includes quizzes, on-line dictionary, and grammar manual. NTSC or PAL. Requires 512K RAM, disk drive. AmigaDOS 2.0 compatible. Also available on CD. Australian dist. Kaotic Koncepts, Underbool 3509, Victoria, 50-946-358. $89.95
FairBrothers, Inc., 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954

Ⓐ Audio Gallery-Spanish
Audio Gallery-Spanish is a talking picture dictionary which helps you learn the vocabulary of Spanish through illustrations and digitized sounds. Consists of seven-disk set featuring 28 scenes of general interest, such as Weather, Shopping, etc. Contains 650 digitized words or phrases by a native speaker related to the objects in the picture. Includes quizzes, dictionary, and grammar manual. NTSC or PAL. Requires 512K RAM, disk drive. AmigaDOS 2.0 compatible. Also available on CD. Australian dist. Kaotic Koncepts, Underbool 3509, Victoria, 50-946-358. $69.95
FairBrothers, Inc., 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954

Beginning German
MicroEd used its powerful C.L.A.S. authoring system in collaboration with a German language teacher to create this original program of foreign language instruction. The Amiga speaks German throughout every lesson, and will not allow the student to enter any incorrect word, or even a single wrong letter! The program assumes the learner knows English. NTSC and PAL. $69.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Cyrillic Alphabets 2.3
Russian, Macedonian, Ukrainian, Serbian & Bulgarian character sets suitable for students, professors, government workers, or anyone who needs small to medium-size attractively modelled bitmap fonts for letters, assignments, or as a learning tool. Includes utilities and three keyboard configurations for each language (15 in all). Switch easily between AATSEEL, QWERTY-phonetic & Soviet typewriter keymaps. Full English set included in each. English & Cyrillic can be combined in one document. Twelve typefaces, about 36 styles, 8 to 42 lines high. Comprehensive 80-page manual, keyboard charts & samples. $44.95
CLASSIC CONCEPTS Futureware, P.O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

French Grammar I
The French Grammar Series is designed to provide instruction in all the major points of French grammar and usage. Vol. I includes nouns, definite and indefinite articles, prepositions, and more. Vol. II includes qualifying adjectives, interrogative forms, negative forms, cardinal and ordinal numbers, and more. Vol. 3 includes first, second, and third conjugation regular verbs and imperative forms. Ten lesson modules. Three volumes; $34.95 each. $34.95
Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

French Grammar Series I- III
Nouns, adjectives, numbers, prepositions, verbs. Requires 256K, 512K recommended. $45.00
Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

INTERNATIONAL FONTS
International version of Professional Font Library sypports Western European languages (French, Italian, Portugese, Spanish, Danish, Swedish, Norwegian, Finnish, Icelandic, and German). Small, medium, and medium-large artist-designed monochrome and color bitmap fonts especially suitable for WYSIWYG word processing and paint program applications. Includes multiple diskettes, extensive documentation, foreign keymaps, key charts and utilities. 512k recommended, 2MB for color fonts. $129.95
CLASSIC CONCEPTS Futureware, P.O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

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AMICUS FRS Index
AC's Back Issue Index
Vendor/Product Registration
User's Groups
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Vendor Information
Product Index by Product
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Last Minute Additions

◆❷ Korean: Hangul Lab 1 & 2
Korean language instruction for the beginner. Volume 1 teaches the basic elements of written and spoken Korean using a computerized 'language lab'. The Korean alphabet (hangul) can be learned in minutes with the aid of the program's on-screen drawing, while the digitized voice of a native speaker teaches pronunciation. Volume 2 uses the same approach with phrases and sentences. Timed, audio/visual tests are included. 2 volumes, 29.95 each. Requires 512K RAM, AmigaDOS 1.3 or higher. $29.95
Mesa Graphics, 909 East 49 1/2 St., Austin, TX 78751, (512) 452-2441

Linkword Languages
Language Software and audio tapes. French, German, Spanish, Italian, Dutch, Greek, Portuguese, and Russian. Uses mental imagery to link foreign words to acoustically similar English words. Learn 400 words in 10 hours, less than one third the time of conventional teaching methods. Ideal for travelers, business people, and first-year language students. $29.95
Artworx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-6573

Spanish Grammar I-XI
All of the major points of Spanish grammar and usage are covered in this series of interactive tutorials. $365.00
Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

Spanish Grammar Series I-XI
Nouns, verbs, contractions, adjectives, key phrases, articles, possessives. Requires 256K, 512K recommended. Each level $34.95. $365.00
Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

❖ *GEOGRAPHY* ❖

Antarctica
Australian graphic atlas expansion module using easy-to-use point and click interface as found in (AGA). The four-disk set has a run time version and an AmigaVision version. Also, 3.2 upgrade for AGA expands AGA and allows you to view detailed information on climate, explorers, wildlife, and scientific stations. PAL only. Requires 1MB RAM or more. $59.95
HC Software Pty Ltd, PO Box 782, Prospect East, S.A., Australia 5082, (011) 618-262-4461

Australian Graphic Atlas 3.0 (with player program)
The Australian Graphic Atlas for the Amiga is ideal for teachers to illustrate their lessons on geography. Using maps of Australia and the states, provide quick access to any part of the country and any type of map. Entirely mouse- and menu-driven, it features the ability to show maps of climate, land use, flora, fauna, population, minerals, and soils. Each capital city is also featured with its own map and detailed information. Six disks and over 60 screens of maps. All maps are IFF compatible; PAL; automatic hard-disk installation. A demo disk is available. AmigaVision included. $89.95
HC Software Pty Ltd, PO Box 782, Prospect East, S.A., Australia 5082, (011) 618-262-4461

Demographics
Australian Graphic Atlas expansion module. Covers detailed statistical information on every electorate within Australia. Over 150 zone maps and graphical displays. Hard drive installable. PAL. Workbench 2.0 compatible. Requires 1MB, AmigaVision 1.7 or higher, version 3.5 or higher of Graphic Atlas. $59.95
HC Software Pty Ltd, PO Box 782, Prospect East, S.A., Australia 5082, (011) 618-262-4461

Geography Adventure Games
Text-based simulations: Learn American and world geography while you play. Requires 256K, 512K recommended. $60.00
Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

Geography Expansion Disk for Discovery
Physical and political geography and more. Grades 9 through 12. Requires Discovery program disk. $19.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

U.S. Geography Adventure
Exciting game format provides hours of fun while students develop geography skills. As students travel to all 50 states, plus Washington, D.C., Puerto Rico, Guam, and the Virgin Islands, they learn to locate the states and cities in relationship to each other. Students also learn to identify each state, the state's capital, and the state's largest cities, rivers, and other noteworthy geographical features. Grades 4 and up. $59.95
Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

❷ World Atlas Version 2.5
World Atlas is the first computerized atlas for the Amiga. It gives you direct access to information and details on more than 170 countries plus all fifty states. With World Atlas you can discover each country's history, population, language, and customs. In addition, World Atlas gives you Earth facts and information about different time sectors and more. To operate the program, you can choose from a displayed world map by clicking on the continent where the country you want is located; then on the location of the country written on the continent. Another way to choose is by using an alphabetical list of the countries. In addition, there is a seek function that allows you to find countries based on information you feed to the computer, such as capital, population, area, or language. AmigaDOS 2.0 compatible. $59.95
Centaur Software, Inc., 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

World Geography Adventure I–IV
Game format teaches student to identify countries, cities, and other geographical features of the world. Vol. I–North and South America; Vol. 2–Europe; Vol. 3–Africa; Vol. 4–Asia. Four disks, each is $49.95. $199.80
Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

❷ World Odyssey
World geography in a puzzle format. Select map (12 choices) and answer questions about geography. You control the answer format. Score is kept for the 10 best players. $49.99
Other Guys, The , 297 E. 200 N., P.O. Box H, Logan, UT 84323, (801) 753-7620

World Tour USA
Fun educational game. Learn important and interesting facts about the United States, with complete tutorials on each state. The game information includes state name, capital, abbreviation, date entered union, state bird, flower, tree, and bonus trivia questions. A great time for the whole family. $39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

World Tour, Africa
An enjoyable educational game, based upon the popular World Tour USA. Complete tutorials for each country include information on languages, currency, religion, and much more. Informative maps provide information on rainfall, population, terrain, etc. Play is reinforced with speech, graphics, and sound. Print award certificates for outstanding scores. $39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

World Tour, Australia
Another game in the World Tour series. Use the tutorials to learn about the provinces, capitals, languages, and more. Play the game and see how much you know. Informative maps provide information on rainfall, population, terrain, etc. Play is reinforced with speech, graphics, and sound. Print award certificates for outstanding scores. $39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

World Tour, Canada
Another game in the World Tour series. Use the tutorials to learn about the provinces, capitals, languages, and more. Play the game and see how much you know. Informative maps provide information on rainfall, population, terrain, etc. Play is reinforced with speech, graphics, and sound. Print award certificates for outstanding scores. $39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

World Tour, Central America
An enjoyable educational game, based upon the popular World Tour USA. Complete tutorials for each country include information on languages, currency, religion, and much more. Informative maps provide information on rainfall, population, terrain, etc. Play is reinforced with speech, graphics, and sound. Print award certificates for outstanding scores. $39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

World Tour, China, Far East
An enjoyable educational game, based upon the popular World Tour USA. Complete tutorials for each country include information on languages, currency, religion, and much more. Informative maps provide information on rainfall, population, terrain, etc. Play is reinforced with speech, graphics, and sound. Print award certificates for outstanding scores. $39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

World Tour, Europe
An enjoyable educational game, based upon the popular Great States II. Complete tutorials for each country include information on languages, currency, religion, and much more. Informative maps provide information on rainfall, population, terrain, etc. Play is reinforced with speech, graphics, and sound. Print award certificates for outstanding scores. $39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

World Tour, India
An enjoyable educational game, based upon the popular World Tour USA. Complete tutorials include information on languages, currency, religion and much more. Informative maps provide information on rainfall, population, terrain, etc. Play is reinforced with speech, graphics, and sound. Print award certificates for outstanding scores. $39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

World Tour, Russia/Western Asia
An enjoyable educational game, based upon the popular World Tour USA. Complete tutorials for each country include information on languages, currency, religion, and much more. Informative maps provide information on rainfall, population, terrain, etc. Play is reinforced with speech, graphics, and sound. Print award certificates for outstanding scores. $39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

World Tour, South America
An enjoyable educational game, based upon the popular World Tour USA. Complete tutorials for each country include information on languages, currency, religion, and much more. Informative maps provide information on rainfall, population, terrain, etc. Play is reinforced with speech, graphics, and sound. Print award certificates for outstanding scores. $39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

❖ *HEALTH* ❖

Blood Gases
Teaches bed-side rapid blood gas interpretation; including arterial-aloveolar diffusion gradients, acid-base balance, acidosis correction, and normal values. $49.95
Mad Scientist Software, 13422 N. Bayberry Circle, Alpine, UT 84004, (801) 756-6027

Cardiac Arrest!
Advanced Cardiac Life Support (ACLS) simulator, user assumes role of code team leader, typing resuscitation orders in plain English. Complex, simple, and pediatric scenarios, 45 patients total. On-screen EKG rhythm strip. Allows user to practice and refine ACLS skills. $69.95
Mad Scientist Software, 13422 N. Bayberry Circle, Alpine, UT 84004, (801) 756-6027

Code Team!
Training programs for Advanced Cardiac Life Support (ACLS). On-screen EKG rhythm strip interpretation, self-teaching quizzes, arrhythmia scenario simulator. Prepares user to pass ACLS certification or review ACLS concepts and treatments. $69.95
Mad Scientist Software, 13422 N. Bayberry Circle, Alpine, UT 84004, (801) 756-6027

Diabetic Diet Manager
Assists the diabetic in food selection based on his/her doctor's recommendations. $49.95
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-5337

HealthMed
Comprehensive home medical guide. $99.00
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-5337

Nutrition Guide for the Home
Provides nutritional information on a personal basis. Recipe analysis, and daily intake analysis. $89.95
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-5337

Nutrition: A Professional Guide
A nutrition planning, reference, and analysis tool for the professional. Two disks. $199.95
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-5337

❷ Recipe-FaxNFX
A special, nutritionally enhanced version of Recipe-Fax 2.0, integrating Nutri-Fax's nutritional analysis into Recipe-Fax's easy-to-use recipe creation/editing and processing environment. Adds nutritional analysis of recipes and a user expandable, integrated ingredient database utilizing food items from USDA Handbook 8. Requires 1MB, AmigaDOS 2.0 compatible. $74.95
Meggido Enterprises, 7900 Limonite Ave. Ste. G 191, Riverside, CA 92509, (909) 683-5666

SC-936 AIDS Information Game
Provides basic information on the AIDS virus in a game format for one to four people. NTSC only. $39.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Total Control Diet
A high-tech approach to weight control and diet. Personal history and specific daily recommendations. $49.95
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-5337

❖ *HISTORY* ❖

All About America
U.S. history and geography with 16 stories, illustrations, questions, maps, and quizzes. Ages 6-11. Two disks. Each story is followed by comprehension and vocabulary questions. Map disk covers states and capitals, directions, postal abbreviations, North & South before the Civil War, and colony maps. Uses speech as an extra stimulus. $39.95
Unicorn Software Company, 6000 South Eastern Ave., Building 9, Ste. A, Las Vegas, NV 89119, (702) 597-0818

American History Adventure
Encourages players to master historical relationships and details through repeated play and by providing an incentive to study. In this exciting learning experience, the student plays a roving reporter who tries to meet with and identify 92 historical characters in American history, and locate them correctly in time and place. The top 40 scores are recorded in the 'Hall of Fame.' Grades 7 and up. $49.95
Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

History
Expansion Disk for Discovery grades 9 through 12. Ancient through modern history. Requires Discovery program disk. $19.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

History Adventure Games
Text-based simulations: Learn American and world history while you play. Requires 256K, 512K recommended. $35.00
Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

SS-951 Lewis and Clark Expedition
Five disks with 50 digitized photographs and drawings provide pictorial settings for Lewis and Clark's expedition. NTSC only. $89.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SS-952 Across the Plains
This two disk program provides students with information about the Westward Movement, that long and hazardous journey of American emigrants, using everything from handcarts to covered wagons, across the Great Plains all the way to the West Coast. NTSC only. $59.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SS-953 Early Great Lakes
A three-disk program on the fur trade. Interactive text, 30 digitized pictures of the European-Indian relationship in the 17th-19th centuries. NTSC only. $79.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SS-954 Making our Constitution
Information is provided on four disks concerning this great drama and its leading players as events unfold 200 years ago between May and September of 1787 at what is now called Independence Hall on Philadelphia. NTSC only. $79.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SS-955 Transcontinental Railroad
Learn about the building of the Transcontinental Railroad (1865-1869), one of the great human engineering feats in recorded history. The program uses digitized pictures created from photographs taken during those times. NTSC and PAL. $39.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SS-956 Introducing Maps
Using 20 digitized pictures, this program provides basic introductory information about maps. Topics include what maps are, seeing with maps, symbols, directions, compass directions, map legends and scales, oceans/seas/gulfs/bays/straits, salt and soil, continents and hemispheres,in both the east and west, guidelines for finding places, latitude and longitude, degrees of latitude, lines of longitude, strengths and weaknesses of flat maps, rough surface, a changing surface, weather, climate, and the development of American mapping. NTSC only. $59.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

❖ *LOGIC* ❖

❷ BlackBox
Hide up to eight atoms somewhere inside a rectangular 8 x 8 grid. Shoot high energy particles into the sides of the BlackBox, see where they come out and try to find the correct positions of the higher atoms. Scoring depends on your speed and the number of shots required. Has full on-disk documentation. AmigaDOS 2.0 compatible. $19.95
SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

❷ Dots 2
That classic dot game that is usually played on the backs of paper placemats in better eating establishments everywhere. Connect dots on a 7 x 9 grid. Be the one to place the last side on the square and claim that square for yourself. Plenty of sound and two-player tension/action. AmigaDOS 2.0 compatible. $19.95
SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

❷ Idhan II
A classic marble game played on a cross-shaped playing field. The object of the game is to jump marbles in such a manner as to remove as many marbles from the playing field as possible. Great graphics. Play against the clock and other opponents to achieve the lowest number of marbles. AmigaDOS 2.0 compatible. $19.95
SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

Lessons in Reading and Reasoning I-IV
For grades 9 and up. Lessons in reading and reasoning teach logic and reading by examining various fallacies. Lesson 1 examines shifty-word fallacies and circular reasoning. Lesson two addresses fallacies of inadequate data and the red herring fallacy. Lesson three examines stereotyping. Lesson four examines sexism fallacies and proverbs. Lessons I, II, and III are $39.95 each. Lesson IV, two disks, is $59.95. $149.95
Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

Lessons in Reading and Reasoning Series of 4
The complete five disk Reading and Reasoning series which teaches logic and reading by examining various fallacies. For a more complete description of the individual lessons, please refer to the separate listing below. $149.95
Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

The Logic Master
Helps develop high-level thinking skills in analogies and number series. Includes fantasy role playing game. Grades 5-12. $39.95
Unicorn Software Company, 6000 South Eastern Ave., Building 9, Ste. A, Las Vegas, NV 89119, (702) 597-0818

❷ Traversal
Amiga version of 3M box game, Twixt. Two players head for opposite sides of mountain top (really a hexagonal grid) trying to be the first to create a complete and unbroken path of flags from edge to edge. The setting is an unnamed mountain top somewhere in the Himalayas. But watch out for that flag eating Yeti! Handicapping allows for players of differing abilities to play with some uncertainty of the outcome. AmigaDOS 2.0 compatible. $19.95
SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

❷ Tupni
Strategy game involving two players or one player against the computer with three levels of play. Each player has six pieces, each with a fixed, predetermined movement pattern that travels around a 4 x 3 grid. Capture your opponent's pieces by careful selection and timely movement of your pieces. $19.95
SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

❖ *MATH* ❖

Adventures in Math
Adventures in Math is an entertaining learning game that reinforces basic math concepts for children ages 4-8. You must travel through a never-ending jungle, searching for wild animals that will take you to math challenges. The math challenges focus on specific curriculum objectives from kindergarten to first and second grade levels. Some of the concepts presented include number sets, 'more' and 'less', logical sequencing, number symbols, and addition and subtraction facts. Grade level and difficulty can be adjusted to match the child's current level. $39.95
Free Spirit Software, Inc., P.O. Box 158, Trafalgar, IN 46181, (812) 376-9964

Algebra Word Problems
Even the brightest students can be baffled by word problems. Problems are made clear with these programs, since each wrong answer draws a step-by-step explanation to help students with algebraic solutions to mathematics problems. Ten programs on one disk, graded in difficulty. $49.95
Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

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Education

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Back to Basics
Step-by-step teaching of numerical skills. Multiplication, long division, tables test, addition, long subtraction, say 'n spell. Doesn't patronize the student; excellent for teaching hard skills. Inquire about shipping. $33.75
Lascelles Productions, 401 Lascelles St, PO Box 959, Hastings, New Zealand, (011) 64-6-878-9652

Balancing Act
The learning objective is to be able to check a bank statement for errors through addition and subtraction. The student views a checkbook that includes deposits and withdrawals. Errors must be identified. Accuracy and speed are the factors that will either elevate the player to bank president or land him in unemployment. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Decimal Dungeon
Escape the dungeon master by answering math decimal problems. Age 9 and up. Full-screen explanations are given for incorrect answers. Choose to add, subtract, multiply, divide decimals or to convert them to percents or fractions. Arcade-style game with each player on his or her own difficulty level. $39.95
Unicorn Software Company, 6000 South Eastern Ave., Building 9, Ste. A, Las Vegas, NV 89119, (702) 597-0818

FlashBlaster!
Alternative arcade style approach to learning flash card math. High quality digitized sound and animation effects maintain childrens' interest and make learning math basics a pleasure. Recommended for pre-kindergarten to Grade 6. Requires 1MB, AmigaDOS 1.3 or 2.0. Upgrades to new version available for registered owners. $49.95
EasyScript! Software, 10006 Covington Drive, Huntsville, AL 35803, (205) 881-6297 (TECH)

Fraction Action
Escape the mad professor by answering math fraction problems. Incorrect answers lead to full-screen explanations. Age 9 and up. Arcade-style game for one or two players with each in his own difficulty level. Choose to add, subtract, multiply, or divide fractions. $39.95
Unicorn Software Company, 6000 South Eastern Ave., Building 9, Ste. A, Las Vegas, NV 89119, (702) 597-0818

Fraction Concepts
There are four programs on this disk. They teach the primary concepts and skills needed to work with fractions. Topics include writing proper and improper fractions and mixed numbers, identifying equivalent fractions, and reducing fractions. NTSC only. $79.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-903 Medal Winner
Grades 4-8. Arrange digits of two numbers to produce the highest product. Create a multiplication problem with three digits (four digits in the advanced level) that will produce highest product. Teaches logic as well as multiplication. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-904 Sum-It Mountain
Grades 1-8. Success depends on the student's ability to add numbers rapidly. Carry a flag to top of mountain; mistakes return you to the bottom. Clock records climbing time. Brings students to the 'peak' of successful addition! NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-909 Pinball I.Q.
Grades 3-8. Division lessons combined with a video pinball game. Find the whole number part of a quotient in division. Correct answers light up bumpers on a pinball machine and build up score. Game ends when all numbers are lit. NTSC only. $29.95
MicroEd;, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-921 First Year Algebra
Learn on a step-by-step basis how to develop skills for solving algebraic equations with emphasis on arithmetic properties. Acting as your personal tutor, the Amiga will teach you what you should know about basic algebraic equations, binomial multiplication using the FOIL method, monomial and binomial factoring procedures, binomial squared factoring and completing the square. NTSC only. $99.00
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-922 Algebrain: The Computer/Textbook Connection
Enter any equation of your choice. Let your Amiga show you step-by-step how to solve it. Will automatically fit any algebra textbook. NTSC only. $99.00
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-928 Numbowl
Grades 3 to 9. Work with three digits and two operations to create an expression that is as close to 30 as possible. As in bowling, there are ten turns or frames. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-930 Parting Shots
Grades 4 to 9. Compare one set of objects to its whole, as a fraction, and reduce that relationship to lowest terms. There are three levels of play and ten turns. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-932 Math Golf
Grades 4 to 9. Produce a result as close to one as possible from a three-number expression of two operations. A golf game format is used. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-936 Number Jumper
Grades 1 to 8. View a group of single-digit addends for a limited time and recall the sum. With each success, a jumper hurdles the numbers. Multiples can be studied by using identical addends. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-938 Caterpillar 500
Grades 2 to 8. Solve simple whole-number equations that include multiplication and either addition or subtraction. A game format is used in which a caterpillar speeds around an oval in an Indy 500-type race. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-943 Last of the Ninth
Grades 2 to 8. Find the product of two numbers, one of which could be a two-digit number. A baseball game format is used in this multiplication exercise. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-944 Slam Dunk
Grades 1 to 8. In a timed exercise, identify as many basic facts as possible from the operation of the learner's choice. For each correct fact, a basketball player swishes the net with a long shot. A slam dunk takes place as a super bonus for five right answers in a row. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-948 Pail Green
Grades 4 to 9. Given one fraction and either the numerator or denominator of another, you name equivalent fractions. This program can also be used in a unit on ratio and proportion. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-953 On the Line
Grades 4 to 9. Name improper fractions as mixed numbers, and visa versa. Football jerseys illustrate the theme. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-954 Branded
Grades 3 to 9. Name, as a fraction, the relationship of a part to its whole. Cattle, some branded, graphically highlight the point. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-967 Sum Fun
Grades 3 to 8. Position single-digit numbers in a 4 x 4 grid to maximize the sums of certain rows and columns. Skill prevails over luck in this lesson game that can be played by an individual or an entire group using game sheets. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-993 Figuring the Angles
Grades 4-9. Estimate with increased accuracy, the size of acute and obtuse angles. There is a game theme related to golf in which the goal is to better par. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-998 How-To Addition
Grades 1-8. Add whole numbers by column, with regrouping or no regrouping. Lessons with 14 option levels can be tailored to the student's individual needs. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-999 How-To Subtraction
Grades 1 to 8. Subtract whole numbers by column with regrouping. Lessons with eight option levels can be tailored to the student's individual needs. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Maple V® Computer Algebra System
Maple V delivers a completely new graphical user interface with 3-D color graphics. Maple has an extensive library of more than 2000 procedures common to many scientific and engineering applications. This software provides a complete mathematical environment for both symbolic algebraic expressions and arbitrary-precision numeric arithmetic. Natural, easy-to-use operations are provided for polynomial manipulations, differentiation, definite and indefinite integration, solution of equations, and other operations. Supports A1000, 2000, 2500, and 3000. Requires AmigaDOS v2.04, 2MB RAM, and 8MB disk storage. Special promotional price of $395 currently being offered. $795.00
Waterloo Maple Software, 450 Phillip St., Waterloo, Ontario, Canada N2L 5J2, (519) 747-2373

Mark's MathLab
Can be used by high-school or college math student for many applications including electronic chalkboard for demonstrations of functional behavior in two or three dimensions, engineering design and analysis, or pure experimental fun. Parser recognizes 34 built-in math functions. Requesters filled with default values, up to 30 constants per expression, function requesters up to 150 or 225 characters, plotting of one variable in Cartesian or Polar, wire frame solids of revolution with one or two functions, function plotting and tables, perspective, orthographic, and contour map graphing, hidden surface removal, as well as asymptotic behavior detection control. Requires 1MB, AmigaDOS 1.3 or 2.0 . $49.95
EasyScript! Software, 10006 Covington Drive, Huntsville, AL 35803, (205) 881-6297 (TECH)

Math 1
Expansion Disk for Discovery basic four-function math drills for grades 1-7. Requires Discovery program disk. $19.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Math Blaster Plus
Math Blaster Plus contains five motivating learning activities covering over 750 basic math facts. The program covers more subject areas than other math programs: addition, subtraction, multiplication, division, fractions, decimals, and percents. An exciting arcade-style game motivates children to learn, while an optional record-keeping feature monitors students' progress. A printed Certificate of Excellence rewards outstanding scores. $49.95
Davidson & Associates, Inc., P.O.Box 2961, Torrance, CA 90509, (800) 556-6141

Math Concepts
Expansion Disk for Discovery grades 9 through 12. Prepare for SAT's, practice problems in algebra, geometry, trig, and more. Requires Discovery program disk. $19.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Math Doctor
Teach all basic math functions just as the schools do. Whole numbers and fractions, decimals too. Use borrows and carries just as you would on paper. Easy to use graphics interface with speech and positive reinforcement. $39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

Ⓓ Math Odyssey
Math in a puzzle format. Math questions are asked. You select the answer. When completed, put together a puzzle. Score is kept for the 10 best players. $49.99
Other Guys, The , 297 E. 200 N., P.O. Box H, Logan, UT 84323, (801) 753-7620

Math Wizard
Four educational math games for one or two players, ages 5-13. Talking program with several skill levels. Add, subtract, multiply, divide, or learn how to do word problems. Players can practice math together with each on his own difficulty level and mathematical operation. $39.95
Unicorn Software Company, 6000 South Eastern Ave., Building 9, Ste. A, Las Vegas, NV 89119, (702) 597-0818

Math-A-Magician
Add, subtract, multiply, or divide fractions or whole numbers. Play, practice, and learn. Features graphics and speech. $39.99
Other Guys, The , 297 E. 200 N., P.O. Box H, Logan, UT 84323, (801) 753-7620

◆ MathVision 2.4
The new version, MathVision 2.4, features 24-bit support, support for a variety of 24-bit hardware through libraries, new functions, easier interfaces such as tabbing between lines, and an ability to launch hooks and ARexx for within MathVision. $223.00
Seven Seas Software, P. O. Box 1451, Port Townsend, WA 98368, (206) 385-1956

Mathasaurs
Ages 3 and up. Mathasaurus is an action adventure game, that kids can actually play, learn addition, subtraction, and expand their minds. Real digitized voice sounds, Babysaurs, Aliens, Dragons, and much more make it arcade fun. $24.95
Cancor, 14 Garrard Rd., Whitby, Ontario, Canada L1N 3K3, (416) 434-4247

Mathasaurs II
Ages 3 and up: The Babysaurs are troubled again. It is up to you and your hero to retrieve the antidote and save the Babysaurs from total disaster, in this action-adventure game. Mathasaurs II is ready for you. Basic 2-digit numbers involve addition and subtraction, to aid in your child's mathematical development. Entertaining and educational software for those very important people: the kids. $24.95
Cancor, 14 Garrard Rd., Whitby, Ontario, Canada L1N 3K3, (416) 434-4247

MathsMaster
Australian Maths educational package for Grades K to 6 for Commodore Amiga. Observes arithmetic procedures used in Australian schools and includes graphics and sound featuring popular Australian animals. Provides three levels to cater for developing skills. $39.00
Desktop Utilities, North American dist: Consultron, P.O. Box 3053, Manuka, ACT 2603, Australia, (011) 616-239-6658

Maxi Taxi
Grades 4-9. The learning objective is to determine maximum earnings in a work situation by relating time to money. The student earns as much as possible per hour as a taxi driver. Potential is based on the rate and the time each ride consumes. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Merlin's Maths
Encourages pupils to learn the basics of counting, decimals, fractions, volumes, and more while retaining a fun element. Brilliant graphics and eye-catching sequences reward children as they progress through levels. Consists of six games, each with at least three different levels, with help screens as required. £25.99.
Europress Software, Europa House, Adlington Park, Macclesfield SK10 4NP, England, (011) 44-625-859-333

Michaels Math Quiz
Michaels Math Quiz is a game that sharpens the math skills of children 6 years and older. MMQ holds the child's interest with high-quality grpahics, animations, and digitized sounds. MMQ is unique because it allows the chiiod to pick up a variety of games regardless of the type of math problems they are practicing. MMQ allows the child to practice addition, subtraction, multiplication, and division. There are two levels of difficulty for each of the practice types. $30.00
Black Tie Software, 4474 Valley Quail Blvd North, Westerville, OH 43081, (614) 891-3721

Parking Lot
Grades 4-9. The learning objective is to make the greatest business profit by applying the law of supply and demand. The student attempts to fill all the spaces in a parking lot by charging the highest monthly rate that the traffic will bear. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Scare City Motel
Grades 4-9. The learning objective is to maximize business earnings by equating supply with demand. As a motel owner, the student's goal is to make the highest profit. If there are more customers than rooms, rates can be raised. If too many rooms are empty, rates should be lowered. The learner's business skill is evaluated. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Ⓓ X-It
A two-dimensional game designed to increase a student's familiarity with the Cartesian co-ordinate system. Two randomly chosen lines of differing slopes intersect within an 11 x 11 grid. The purpose of the game is to find the intersection of the lines. Four differnet colored marbles are hidden within the grid such that each color is wholly contained within one of the four quadrants created by the two intersecting lines. Clicking on the grid reveals a colored marble. Score is based on the number of seconds and marbles used. AmigaDOS 2.0 compatible. $19.95
SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

❖ *MUSIC* ❖

Keys to Music Vol.I Learn To Read Music
Volume I is music teaching software that supplies knowledge to complement the learning of musical instruments. It covers musical terms, names of the notes, note values and basic rhythm. Keys to Music is a highly developed version of the program that won first prize in Commodore's 1991 AmigaVision contest. It uses synthesized voice, graphics, text, brief histories and musical examples. Games and drills to enhance learning are provided throughout. Quizzes are given at the end of each lesson and the results are entered into a database. Keys to Music makes learning music fun. It is the perfect teaching tool for school-age children on up to adults. NTSC/PAL. $59.95
Electric Theatre 111 Holme Ave. #2, Elkins Park, PA 19117, (215) 379-4538

Keys to Music Vol.II Learn To Write Music
Volume II is a continuation of Volume I. It goes into time signatures, key signatures and scales. It continues on into actually writing music. Keys to Music is a series not only for those studying instruments, but for users who would like to write and perform music on the computer. NTSC/PAL. $59.95
Electric Theatre 111 Holme Ave. #2, Elkins Park, PA 19117, (215) 379-4538

Take Note
Take Note is ear/sight training for musicians. It helps you develop your aural recognition skills with a flexible set of drills covering everything from single pitches to over 30 scales. Take Note gives you a better understanding of what you hear by allowing you to enter and view musical forms on the staff, for piano and guitar. $79.95
Take Note Software, 285 Divisadero #3, San Francisco, CA 94117-3226, (415) 431-9495

❖ *SCIENCE* ❖

All About Whales (story diskette)
Fun and informational story all about whales. Learn different types and classifications of whales. What they eat and where they live, plus much more. For use with Talking Storybook reader diskette. $29.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

Astronomy Disks
User-written astronomy and space-science public domain and shareware collection. Included are satellite trackers, planetary orbit calculators, siderial time calculators, weather-related programs, deep sky databases, gravity simulations, telescope design, space art, and more. Set of 12 disks (over 8MB) is $29.95 including S&H. Individual disks available. Send SASE with two stamps postage for catalog. $29.95
Kinetic Designs, P.O. Box 1646, Orange Park, FL 32067-1646

Ⓓ CoreWars
An implementation of the CoreWars system environment as published by A.K. Dewdney in Scientific American's 'Computer Recreations'. In the CoreWar system, two programs are written in a language called RedCode, which consists of eight simple instructions. The two programs are compiled and placed together inside the computer's 'Core'. The object is for each program to seek out and disable the other program causing the other to cease running. This system includes the assembler, the run-time system and full on-disk documentation. This can be used in a computer science class as an introduction to machine/assembly language. AmigaDOS 2.0 compatible. $19.95
SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

Distant Suns Expansion Disk-Big Stars on Demand
250,000-star NASA skymap. 28-disk set. Hard disk required. $145.00
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

Distant Suns Expansion Disk-Deep Sky Objects
Deep Sky Objects shows 213 scanned observatory images of galaxies, nebulae, and star clusters. Most of the objects from the Messier Star Catalog are included, as well as over 1200 NGC (New General Catalog) objects. Point and click to an obscure pinprick of a star and see a detailed photograph of how it looks to professional astronomers using high-powered visual instruments. Black and white images displayed in a box similar to 'telescope' mode in Distant Suns. Installable on hard disk. See Distant Suns in Education category. $30.00
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

Distant Suns Expansion Disk-Sky Map Level 1
Sky Map adds more than 20,000 additional 'Distant Suns' to your sky. The data for these stars, such as location, luminosity, etc. was taken directly from NASA's own deep-star catalog, which is comprised of relevant information on over a quarter-million stars. Skymap includes the brightest stars from the catalog, or those with magnitudes of 7.25 or brighter. The result is visually gorgeous. Data can also be displayed about these stars. Hard disk installable. Two-disk set. See Distant Suns in Education category. $25.00
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

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Distant Suns Expansion Disk-Yale Bright Catalog
Yale Bright Star Catolog adds 9,100 more stars to your Distant Suns sky, which already has more than 2,200. The user is able to pull up data on more than 7,000 of these stars. Hard disk installable. See Distant Suns in Education Category. $18.00
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515

Physics of Motion
A tutorial and self-study guide of mechanics with interactive problem solving. $49.95
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-5337

RangeFinder
This is an AmigaVision multimedia physics lesson on projectile motion, recoil velocity, and the force of friction. After instructions and demonstrations of the effect of muzzle velocity and cannon angle on a cannon ball's trajectory, the students are presented with a wide-angle view of a landscape, a cannon, and a target. The students try to hit the target by adjusting the cannon angle and ball velocity. Requires AmigaVision, 3MB RAM and about 2MB available on a hard drive. AmigaDOS 2.0 compatible. $19.95
SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

SC-928 Blood Bank
Grades 5 to 9. Increase the supply in a blood bank by mastering a set of basic terms about the human circulatory system. If responses are wrong, or a review is requested, the supply is depleted. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SC-929 Explorer's Digest
Grades 5 to 9. Display your mastery of a set of basic terms about the human digestive system and help Lewis and Clark expedition reach its destination. A map charts the course of the expedition. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SC-930 Second Wind
Grades 5 to 9. Run a four-minute mile by displaying your mastery of a set of basic terms about the human respiratory system. Graphics are included. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SC-931 Salvage
Grades 6 to 9. Demonstrate your mastery of a set of basic terms about the human excretory system. The learner is portrayed as the operator of an aluminum recycling center. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SC-932 Sunnyside Up
Grades 6 to 9. Become a successful egg farmer by demonstrating mastery of a set of basic terms about the human reproductive system. The more you know about reproduction, the more eggs your chicken will produce. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SC-935 Planet Probe
Grades 3-9. Teaches facts about the solar system through an arcade-style space simulation. Learn about planets and build up fuel supply as you attempt to land space ships safely on nine planets. NTSC only. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SC-955 Save the Whales
Grades 4 to 9. Guide the whales through pirate waters to safety by displaying your knowledge about them. The program uses a game format. NTSC only. $39.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Science Expansion Disk for Discovery
Grades 9-12. For education or SAT preparations. Covers general science. Requires Discovery program disk. $19.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Small
Simulated Mini Assembly Level Language is an assembly language consisting of 20 easy-to-understand and use mnemonics (LDA,STA,REM,JSR,RTS,ADD,CMP,etc.). Small uses a fully intuition-driven interface for entering, running, editing and all other functions. The main screen simulates a calculator keyboard where all functions are selected by clicking on the appropriate buttons. On-Line help is available at any time via menu selections. AmigaDOS 2.0 compatible. $19.95
SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

Solar System (story diskette)
Another talking story for the Talking Storybook. Children learn about the planets in the solar system through graphics, text, speech, sound, and music. $29.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

SortMaster
This program provides discussion and illustration of the bubble, Replacement, Delayed Replacement, Shell, Heap, and Quick sorts. Textual material describing each sort may be displayed and a dynamic graphic representation of the data is updated continuously as the selected data is being sorted. On-screen graph displays efficiency of the various sorts as the number of items being sorted increases. AmigaDOS 2.0 compatible. $19.95
SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

SpectrumFX™
Real time FFT and graphic spectrum analyzer. Has Fast Fourier Transform program that produces continuous dynamic real time bar graph display of harmonic spectrum of any audio or other source. FFT lets you specify peak meter decay rate, sample rate. Set for 8 up to 128 bands or more. Audio sample file and its harmonic spectrum changes over time can be graphed in 3-D visual surface relief. Can be plotted at different resolutions and points of view with custom elevation coloring. Plots histograms and various isometric projections. Import any sound IFF file. Export IFF interlace graphics. FFT requires audio digitizer. AmigaDOS 1.3/2.0 compatible. Hard drive installable. $49.95
Pacific Digital FX, 6 Stetson Ave, Kentfield, CA 94904, (800) 800-2448

Voyager, The Dynamic Sky Simulator Version 1.1
Powerful astronomy program that simulates a planetarium on the Amiga, but with far more freedom, accuracy, and flexibility. Creates a dynamic sky of stars, planets, galaxies, and constellations. Its intuitive interface encourages playful exploration. Follow the changing positions of the planets, or witness the wonder of a total solar eclipse. Comes with a database of over 30,000 objects which can be extended to about 250,000 objects. Other new features include PAL, overscan, and pictures of astronomical objects displayed within program. Requires 1MB, two disk drives, AmigaDOS 1.3. AmigaDOS 2.0 and some features require additional RAM and hard disk. PAL, overscan, and pictures within program require 1MB Chip RAM and 1.5MB total RAM. Does not require math coprocessor. $124.95
Carina Software, 830 Williams Street, San Leandro, CA 94577, (510) 352-7332

World Class Physics: Electromagnetism
Tutorial and self-study guide of electricity and magnetism. $49.00
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-5337

❖ *SOCIAL STUDIES* ❖

ED/SS
Social Studies Expansion Disk for Discovery politics, religion, population growth, and more. For grades 9 through 12. Requires Discovery program disk. $19.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

ED/SS-909 Social Studies Vocabulary
SS-909 Helps students develop a useful vocabulary in the area of social studies. Social studies vocabulary is elementary level. Social studies vocabulary in farming, forest, desert, ocean, manufacturing, trading, and political fields. NTSC and PAL. $29.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

How a Bill Becomes a Law
The student becomes a Congressperson trying to get a bill passed in the U.S. Congress that would require a Jonathan apple to be included in every federally financed school lunch. The object is to accomplish this goal without jeopardizing the player's political career. The student must make decisions on moral and strategic issues and bargain for support. Seven possible outcomes enhance student understanding of political compromise and present the conflict of ethics versus political success. Requires 256K, 512K recommended. $49.95
Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

SS-950 Christopher Columbus
This year, Americans will mark the 500th anniversary of Columbus's first voyage to the New World. He was not trying to get there. Neither Columbus nor anyone else in the Old World knew it even existed. He thought he had reached China. This careful account will acquaint you with what is known about the basic facts of Columbus's life, including his three other voyages to what we now call the Americas. Includes on-screen maps that will show you where he went, and why. Two disks: NTSC and PAL. $49.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

SS-961 Women in Ancient Africa (Book w/ Disk)
This interactive program uses both book and computer to explore the diversity of women's lives in historic Africa. It helps to dispel common stereotypes about the similarities of black African peoples—especially women. NTSC and PAL. $49.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

❖ *TEACHING AIDS* ❖

AU-901 CLAS Computerized Lesson Authoring System
For those who wish to create their own interactive teaching lessons, but have no programming skills. CLAS has the answer: Tell the Amiga what you want and let it write the program. CLAS lets you write imaginative programs that utilize all the Amiga's capabilities. You can use the digitized picture screens, add voice and music, and custom-design all your programs. CLAS contains English, German, Spanish, and French alphabets. NTSC and PAL. $129.95
MicroEd, P. O. Box 24750, Edina, MN 55424, (612) 929-2242

Barney Bear Goes Camping
Barney Bear Goes Camping is a fun, educational, and learning game for children ages 2-6. The game is filled with graphics specially designed to interest young children. It includes a story, a maze game, connect-the-dots, shadow game, coloring book, the ability to create a slide show, and more. Requires 1MB. $34.95
Free Spirit Software, Inc., P.O. Box 158, Trafalgar, IN 46181, (812) 376-9964

Barney Bear Goes to School
Barney Bear Goes to School, a musical, colorful learning game for children ages 2-6, contains count-

ing games, letter games, colors, shapes, and a coloring book program with over a dozen pictures. See CDTV section also. $34.95
Free Spirit Software, Inc., P.O. Box 158, Trafalgar, IN 46181, (812) 376-9964

Barney Bear Goes to Space
Barney Bear Goes to Space, a learning game for children ages 2-6, introduces the concepts of the planets, the sun, gravity, and space travel with stories, games, graphics, and animation. $34.95
Free Spirit Software, Inc., P.O. Box 158, Trafalgar, IN 46181, (812) 376-9964

Barney Bear Goes to the Farm
Barney Bear Goes to the Farm, a learning game for children ages 2-6, contains short 'I can read' stories, a scarecrow with interchangeable heads, torsos, and legs, a coloring book program, a 'What belongs' game, and of course, lots of graphics, sounds, and music. $34.95
Free Spirit Software, Inc., P.O. Box 158, Trafalgar, IN 46181, (812) 376-9964

Barney Bear Meets Santa Claus
Barney Bear Meets Santa Claus, a learning game for children 2-6 contains a memory game, a mix-up-the-parts toy machine, and a coloring book program. $34.95
Free Spirit Software, Inc., P.O. Box 158, Trafalgar, IN 46181, (812) 376-9964

EZ-Grade v1.2
EZ-Grade is a complete class management system for maintaining grades, attendance, student information, and more. View your data graphically and choose from a wide selection of printouts. Requires 1MB. $59.95
Integral Software, 9535 Wessex Place, Louisville, KY 40222, (502) 425-3948

Talking Turtle
Teach yourself LOGO! An introduction to Amiga LOGO for teachers and parents. No previous knowledge of LOGO is required with this step-by-step approach. You have the opportunity to experiment, and examples to study. Includes disk and manual with examples, suggestions for classroom activities, and avenues for further exploration. Develop problem solving skills of deductive reasoning, task analysis, and functional decomposition. Explore shapes, patterns, angles, fractals, headings, recursion, and coordinates. $40.00
Think Limited, Prudential Buildings, 46C High Street, Erdington, Birmingham, West Midlands, B23 6RH England, (011) 4421-384-4168

❖ *TEST PREPARATION* ❖

Analogies I
Students will improve aptitude test scores as they learn how to analyze and solve analogies with a step-by-step approach. Package includes tutorial (step-by-step) and drill (remediation on all wrong answer) disks. $65.00
Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

Analogies II
Designed to help prepare students for the analogies section of college aptitude tests. $65.00
Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

College Aptitude Reading Comprehension Exercises
Excellent practice and training for all high-school or near high-school grade level readers. Also helps prepare for college aptitude tests. Three disks. $65.00
Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

Language Expansion Disk for Discovery
Speech, grammar, vocabulary, communications, and much more. Prepare for SAT's. Requires Discovery program disk. $19.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Preparing for College Boards
Extensive tutorial for aptitude tests covering analogies, antonyms, reading comprehension, sentence completion. Requires 256K, 512K recommended. $60.00
Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

Sentence Completion
Reading comprehension exercises help students improve scores on sentence completion items on college aptitude tests. The program provides numerous examples and practice exercises which strengthen the ability to solve sentence completion problems. $44.95
Queue, Inc., 338 Commerce Drive, Fairfield, CT 06430, (800) 232-2224

StudyWare for the GRE
Twenty-two different GRE topics will be covered with hundreds of on-screen questions, two Studyware and two Cliffs Notes full-length exams, and complete on-screen explanations for correct and incorrect answers choices. Features include true math symbols, graphs, and hints on-screen. A handy on-screen glossary will be available with a keystroke or mouse click. For keeping track of your improvement, progress reports and charts that can be printed out can be generated at the end of each test. Requires A500, 2000, 2500, or 3000; two floppy drives or one floppy and a hard drive; 512K RAM; Workbench 1.3 or higher. $49.95
Cliffs Notes StudyWare Corporation, 48515 16th St., Lincoln, NE 68512, (402) 423-5050

StudyWare for the SAT
Twenty-nine different SAT topics will be covered with 860 on-screen questions, two StudyWare and two Cliffs full-length exams, and complete on-screen explanations for correct and incorrect answer choices. StudyWare for the SAT will also feature true math symbols, graphs, and hints on-screen. A handy on-screen glossary will be available with a keystroke or mouse click. For keeping track of one's improvement, progress reports and charts that can be printed out can be generated at the end of each test. $49.95
Cliffs Notes StudyWare Corporation, 48515 16th St., Lincoln, NE 68512, (402) 423-5050

❖ *TYPING* ❖

Mavis Beacon Teaches Typing
Want to learn how to type? We have the answer. Our award-winning program customizes the perfect typing course to your individual needs with the help of true Artificial Intelligence. You learn fast with the world's finest typing instructor at your side every time you practice. Mavis makes learning interesting and fun! With lessons and games that teach. $49.95
Software Toolworks, The , 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

❖ *MISCELLANEOUS* ❖

Fun School 3
Fun School 3 for the Under 5s consists of six educational activities that help to develop many skills including number, shape, and word recognition. Your child can learn at his/her own pace. Beautifully created pictures, stunning animation, and exciting sounds make learning fun and effective. Three packages, each with a suite of six multilevel programs. Each program is aimed at different age groups: under five, five to seven years, and over seven. There are several levels of difficulty in each activity. A parent-teacher's guide is included. Also see CDTV section. $49.95
Europress Software, Europa House, Adlington Park, Macclesfield SK10 4NP, England, (011) 44-625-859-333

Fun School 5 to 7s
The five to seven pack follows the under 5s successful formula of six educational games, each with several levels of difficulty, covering all the children's favorite subjects. These help develop many skills including number and word skills at a child's own pace. The games are Toyshop, Electricity, Collect, Funtext, Time, and Journey. Beautifully created pictures, stunning animation, and exciting sounds will keep children coming back for more again and again. $49.99
Europress Software, Europa House, Adlington Park, Macclesfield SK10 4NP, England, (011) 44-625-859-333

Magical Myths
Three stories with graphics, glossary, and questions. Several games, mini-word processor. Ages 8-12, one to two players. Helps build important vocabulary and comprehension skills while learning about the wonders of the ancient Greek myths. Uses speech. $39.95
Unicorn Software Company, 6000 South Eastern Ave., Building 9, Ste. A, Las Vegas, NV 89119, (702) 597-0818

My Paint
A paint program just for kids! Offers children an easy, fun introduction to the Amiga by painting on the screen with the mouse. Features animated icon drawing tools, various brush types, an 'undo' function, and 28 pre-drawn pictures to color in, like an computerized coloring book! Each picture has a sampled sound to accompany it. 'Reveal Surprise Picture' mode lets any child draw a perfect picture or the child (or adult) can draw his or her own picture-perfect masterpiece. Designed for children, but fun for all ages! Requires 512K and one drive. $49.95
Centaur Software, Inc., 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

SA Enhancer Kit
Those SA Host Adaptor owers who want to protect their investment will want this latest firmware/software revision for their controller. Kit includes version 34.8081 upgrade ROMs and the latest version software drivers. Instructions for installation included. For SA series Host Adaptor with ROM version number lower than 34.808, any version operating system. $34.95
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

Trivia 1 Expansion Disk for Discovery
Trivia categories include Nobel Prize winners, sports, and famous quotes. Discovery program disk required. $19.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Trivia 2 Expansion Disk for Discovery
Trivia categories include movies, space travel, and famous people. Discovery program disk required. $19.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

❷ **WallyWare Cryptograms**
Based on the simple-substitution cipher, Cryptograms challenges players to decode short messages, often a witty or humorous quote from a famous person. Its unique word processor-like interface coupled with an array of menu functions create an ideal platform for creating or solving cryptograms. Supports ACA standards. PAL, NTSC, 1.3 and 2.0 compatible. $39.95
WallyWare, 1324 Parkwoods Terrace, Midwest City, OK 73110-7439, (405) 733-2768

❷ **fingerTalk**
Helps you learn to communicate with hearing-impaired persons. Interactive program teaches fingerspelling hand signs for all 26 letters of the alphabet and numbers 0-9. Some of hand and finger positions look somewhat like the letters they represent. Includes short quotes, sentences using all letters of alphabet, nursery rhymes, fingerspelling reading and signing tips, and games to practice with partner or group. Requires AmigaDOS 1.3 or later. $35.00
Puzzle Factory, The , P.O. Box 986, Veneta, OR 97487, (503) 935-3709

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Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

Business & Home Productivity

❖ BUSINESS & HOME PRODUCTIVITY GENERAL ❖

ACE/Automated Catering Environment
ACE v3.0 comes with 140 professional catering recipes and also includes The Celebrity Cookbook, Vol.1. The program combines a smart database, word processing, and spreadsheet package in one program module. Recipes may be resized from one to 9,999 servings using both American and metric measures. The word processor database expands to the user's memory and can hold files over 100 pages in length. Features include wordwrap, margin settings, address or index card printing (labels), search/replace, margin settings, cut and paste and full disk search of file contents. ACE contains 16 expandable food groups and six expandable wine guides. It also includes on-disk instructions with multiple help screens, an import and export module, and the ability to print multiple copies, ingredient lists, stock summaries, address labels or index cards; stores one year of sales. Available for all Amiga systems. Requires 1MB. Also supports AmigaDOS 2.0. $79.95
USA Media, 7810 Malcolm Road, Clinton, MD 20735, (301) 868-9060

Address It!
Address It! is a complete easy-to-use information manager. It can store up to 5000 names and addresses per file including three phone numbers, comments, etc. Through powerful searching and tagging facilities you can categorize people into 15 separate groups. You can display and print rosters, adresses and phone books, labels, rotary cards, and envelopes. It will integrate with ProWrite, Final Copy II and Wordperfect for a complete mailing system. Hard drive installable. $39.95
Legendary Design Technologies, 25 Frontenac Ave, Brantford, Ontario N3R 3B7, Canada, (519) 753-6120

◆ **Address It! Plus**
Address It! Plus is a professional mailing list management system. Print rosters, phone books, labels, rotary cards and envelopes with ease. Has built-in Avery product numbers and complet ARexx control. Prints U.S. Postnet bar codes and includes contact management utilities such as a calendar and an integrated form-letter writer. New 3-D look, hard drive installable. $79.95
Legendary Design Technologies, 25 Frontenac Ave, Brantford, Ontario N3R 3B7, Canada, (519) 753-6120

BarPro/A Version 3.1
Bar code printing and IFF image software for all Amiga systems. Generates images of bar coded data on a medium res screen in four different sizes. Screen image of bar code symbol can be printed with or without accompanying text; can be saved as IFF file with or without accompanying text for importation into Amiga paint and desktop publishing programs. BarPro/A prints Code39, Code39 Full ASCII, Code93, Code93 Full ASCII, Code25, Code25 Interleaved, Code128A, Code128B, Code128C, Codabar, and U.S. Postal Zip Code (Postnet), UPCA, UPCA+2, UPCA+5, and UPCE bar code symbologies. Postnet label lines can now be set either thick or thin to accommodate a wide range of printers. Full ARexx interface lets you print labels from databases and name/address labels with Zip Code bar code label. AmigaDOS 1.2, 1.3, 2.x, and 3.0 compatible. $5.00 shipping in North America, $8.00 abroad. $199.95
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

Charts&Graphs
Charts&Graphs provides the user with a weapon in the daily battle of communicating complex ideas. Gives the user access to over 45 different charts. There are curve fitting, interpolation error bars, line, column, bar, pie, hi-low-close and text charts. Charts can be combined to produce compound charts. Can be 2-D or 3-D. Import data from spreadsheets; output charts to preferences and PostScript printers. Save charts as PostScript and IFF files; import charts into Amiga DTP and word processing software. Automatically configures to NTSC/PAL screen. AmigaDOS 2.0 compatible. $99.95
TRSL-Technical Resource Systems Laboratory, 729 Engle St., Chester, PA 19013, (215) 497-2845

DataEasy v1.4
DataEasy is a very easy-to-use Database program with a point and click user interface. Each record, out of a maximum of 32,766, must fit on a screen. DataEasy will dial the phone, speak the contents of a record, sort, print records and form letters, and even let the user redefine the database. Each field can be several lines long. Both random access and sequential database files are supported. The price includes AmigaBASIC Source Code. Requires 512K RAM, 1 disk drive, AmigaDOS 1.3. NTSC only. AmigaDOS 2.0 compatible. $12.00
Bytes and Bullets, Route 3, Box 3532, Manchester, TN 37355, (615) 596-2077

Flow 3
Idea processor. Let your ideas flow without restriction with this ingenious program designed to keep them organized. Flow lets anyone design and describe their creative efforts like never before. With a built-in outliner to give you major headings, multiple layers of subheads, and more, you can concentrate on your project and let Flow do the formatting. $110.00
New Horizons Software, Inc., P.O. Box 164260, Austin, TX 78746, (512) 328-6650

Freelance Escort v1.3
Designed for animators, writers, photographers, artists, video editors, consultants, and anyone else who sells their services. A complete management system which keeps track of client's needs, interests, appointments, special requests, payments made, and balances due. Completely integrated system creates and prints job contracts, customer receipts, sales tax reports. Jobs may be entered using both hourly or flat rate options. Tracking form prioritizes jobs, allowing user to view their status at a glance. All information of a variable nature such as company data, job pricing, and taxes can be modified by the end user. Requires 1MB RAM, hard drive, and SBase4Pro. Demo version available. $99.95
Mr. Hardware Computers, P.O. Box 148, C.I., NY 11722, (516) 234-8110

Gold Disk Office
A collection of five full-featured business applications that turn your Amiga into an integrated, easy-to-use, and highly productive office. Includes AGA support for 256-color display on Amiga 1200 and 4000. The Office includes a word processor, database manager, desktop publishing program, spreadsheet, and business graphics program. In addition, the Gold Disk Office makes full use of Amiga multitasking, ARexx, and compatible file formats to provide a high level of integration and synergistic cooperation between programs. $199.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

HyperBook
An application generator that simplifies the process of creating, developing, and using personal and business applications, as well as presentations and interactive learning 'books.' Text, graphics, pictures (IFF), and scrollable lists are quickly created and positioned on 'pages' that can be linked to other pages to make a 'book.' Ease-of-use and power make HyperBook a powerful tool for home, education, and business applications. $99.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

InfoFile v1.2
Database program that can store and organize graphics and digital sound samples in addition to text and numerical data. Requires 512K, any Amiga model, and is Workbench 2.0 compatible. English, French, German, Italian, Norwegian, Swedish, Spanish, Danish, Dutch, Finnish; NTSC and PAL available. Uses foreign keymaps. Australian users see Australian address in Vendor Information. $69.95
Disc Company, The , 11440 San Vicente Blvd, Ste 300, Los Angeles, CA 90049, (310) 207-1600

Inventory
This inventory management program is intended for people who want to keep track of things, where they are, how much they cost, when to reorder, and so forth. It is used in a multitude of different settings: in restaurants, aircraft assembly factories, liquor stores, component manufacturers, and so forth. The program has modules which keep track of the orders and sales. When parts are received, the inventory is automatically updated. Similarly when something is sold, the appropriate item or items are removed from inventory. All updates show dates of the present update and of the last previous update. This program allows you to keep track of what is going on, hour by hour, where things are, where they are coming from, and where they are going. It's a simple common sense aid to efficient business practice. $145.00
Lionheart Press, Inc., P. O. Box 20756, Mesa, AZ 85277

Invoice It!
Invoice It is a mouse-driven application for billing. Not only will it print and track your invoices, but it handles account aging automatically. You can choose from several reports and the program can handle two tax rates, compoundings and rounding. Reports can be exported to any spread-

sheet for further analysis and graph printing. Not copy-protected, hard drive installable. $49.95
Legendary Design Technologies, 25 Frontenac Ave, Brantford, Ontario N3R 3B7, Canada, (519) 753-6120

LPCalc
The Linear Programming Calculator is more than just a powerful number-crunching package. It's a high performance business planning program suited to both small and large companies. Uses window-type interface that has look and feel of spreadsheet, but behaves like a command-driven interface. LPCalc is easy to use—just load a financial or manufacturing template, enter your data, and generate reports. NTSC/PAL. $49.95
Solid Gold Software, 118 Parkway Drive, Arlington Park, Huntington, WV 25705, (304) 525-1697

Mail-O-Dex Professional
A RoloDex, mail-merge manager, speed dialer, and label printer which directly supports most word processors. This version 3 now supports Iconify, multiple print styles, envelope printing, keyboard shortcuts, import/export capabilities, and much more. Workbench 2.0 compatible. $39.95
KarmaSoft, P.O. Box 1034, Golden, CO 80402-1034, (303) 490-2939

MailBase Escort v1.0
A mailing list database which is specifically designed for merging multiple mailing lists into one list. It checks for duplication while importing, but it can also check your existing list for duplication at any time. Unique numbers are assigned to all list entries for subscription use. Will print mailing labels by any number of criteria including state, date, zip code, source file, or alphabetical section. Dot matrix or laser printers are supported. Requires Superbase 4, 1MB RAM and hard drive. AmigaDOS 2.0 compatible. $199.95
Mr. Hardware Computers, P.O. Box 148, C.I., NY 11722, (516) 234-8110

◆ **Mailing List Manager**
A new style of database with many features not found in packages available today. While basically designed for mailing lists, it can be fully customized by the user. Full sorting and pattern matching on all fields, you can attach external files and even interlink them with different entries. Phones and fax can be dialed directly. You can even link into ProPage and PageStream for output. Call for more information. $79.95
Visual Inspirations, 809 W. Hollywood, Tampa, FL 33604, (813) 935-6410

◆ ❷ **Main-A-TRACK-tion**
This program is not for you unless your bottom line profitability is your main attraction. Every item of inventory, every sale, every customer, every distributor and every cashier are tracked. Transactions at the point of sale are tracked and cross posted to all relevant data bases as they occur. This allows instant managerial access to report functions at any time of the day for any period you specify. The extensive reporting functions include printouts for inventory, cashier performance, customer history, gross profit and sales tax liability. All operators have an E-mail address for exchanging inter-office memos. For those who operate a service department, the service section tracks status of work and attaches the equipment and repairs to the customer file. All access levels are password protected. Cash drawer standard. AmigaDOS 2.X and 3.0 compatible. Demo available. Complete hardware/software packages available. $199.00
Video Computer Resources, Inc., 1200 N. Battlefield Blvd., Suite 110-111, Chesapeake, VA 23320, (804) 436-9508

Mini Office
This home business package consists of five modules: wordprocessor, spreadsheet, database, graphics, and disk utilities, all totally integrated. Cleverly designed icon system which is common to wordprocessor, database, and spreadsheet gives ease of use which belies its capabilities. Requires 1MB, can read Amiga IFF files, NTSC/PAL.
Europress Software, Europa House, Adlington Park, Macclesfield SK10 4NP, England, (011) 44-625-859-333

❷ **NoteBook v1.10**
Provides complete notebook capabilities: Text, vects, ellipse, lines, polygons, pages, tabs, IFF output, object-oriented drawing. Unique and useful tool for day to day jobs. Runs on any Amiga model, requires AmigaDOS 1.3 or 2.0. NTSC/PAL. $29.95
Black Belt Systems, 398 Johnson Road, RR-1 Box 4272, Glasgow, MT 59230, (800) 852-6442

On The Ball
Calendar: View/Print adjustable appointment schedules in week, month & year graphical views; 9 appointment repeat modes; reminder with snooze; search forward/back. Addressbook: Mailing labels; attatch notes; auto-dialer; sort/search any field. To-Do List: Search; sort by optional due date. Notepad: Powerful text editor; organizes notes; attatch notes to any record; multiple notes can be open at one time; find notes containing keywords. Create personalized TAGS; extensive ARexx, preferences, imports Nag files and much more. Requires WB 1.3, 256K RAM. $40.00
Pure Logic Software, 789 Butterfly Rd., Quincy, CA 95971

❷ **Personal Information Manager**
Use your Amiga to deal with all the countless pieces of random information such as lists, plans, notes, contacts, actions, ideas, schedules, finances, zip codes, area codes, addresses, client profiles, and much more! You don't need to be a programmer to use this personal information manager! You can easily plan projects and events, build a knowledge base and a database to hold all the information you can think of in the structure you choose. Requires 1MB RAM, hard drive, AmigaDOS 2.0 or 1.3. $159.95
Unique Design Software, P.O. Box 641, Shirley, NY 11967, (516) 281-1530

❷ **Personal Video Librarian**
Comprehensive video collection management system. Menu-driven, easy-to-use screens, fast, flexible retrieval, online help, powerful report writer, user-defined fields, notes. Retrieve by any field or combination thereof. User-definable categories. Custom-design your own reports and labels or use those included with PVL. Free info pak. Requires 1MB RAM, hard drive. AmigaDOS 1.3 or 2.0 compatible. $79.00
Personal Database Applications, 2616 Meadow Ridge Dr., Duluth, GA 30136-6037, (404) 242-0887

Retail Escort v3.0
A complete Point-of-Sale, accounting, and inventory control system featuring separate customer and supplier databases, inventory control, stock balancing, supplier tracking, order tracking, mailing label printing, invoicing account statements, and more. New version includes the ability to print blank checks on any preferences-supported dot matrix or laser printer. Our easy-to-use point-and-click interface allows the operator to quickly complete a transaction with minimal effort. The Retail Escort inventory control system includes the ability to markup items by percentage according to type with instant profit feedback, date stamp, and reorder point. Several categorized price list creation functions are included. Requires 1MB RAM, a hard drive, and SBase4Pro. Cash drawer option and Canadian tax versions are available. Demo version available. $499.95
Mr. Hardware Computers, P.O. Box 148, C.I., NY 11722, (516) 234-8110

Secretary
Designed for everyone who wants more control over his or her time and life with functions that help organize activities. The program provides an 'at a glance' four-week schedule to do, follow-up, and reminder entries. You can search historical and future entries. The package also provides a full-featured phone/name and address capability including a 'quick index look-up' feature and ability to create mailing labels. Printout of weekly schedules and phone/address lists is also included. NTSC/PAL. $49.95
Expert Services, 7559 Mall Rd, Florence, KY 41042, (606) 371-9690

Thinker 2.2
CD-ROM ready, sophisticated hypertext system that combines word processing and outline processing with Hypertext. Its editing, outline, and database capabilities make it an excellent tool for creative writing, on-line documentation, planning and design, small business databases, and computer-aided education. Documents containing multi-styled and multi-colored text and images link to other documents, pictures, and applications. Click on word or phrase and check a reference, view a picture, or launch Workbench or CLI application and control it with ARexx. Release 2.2 adds mixed fonts, print formatting, links to sound files and support for externally processed links. Multimedia without programming! A complete desktop work environment. $80.00
Poor Person Software, 3721 Starr King Circle, Palo Alto, CA 94306, (415) 493-7234

❷ **Video Escort v2.5**
Video Escort was designed by Videographers for Videographers. It is a complete video-oriented accounting and management system which keeps track of client's needs, interests, appointments, job dates, special requests, response to last call, initial deposits, payments made, balances due, and much more.This completely integrated system creates and prints job contracts, customer receipts, tape face and spine labels, and more than 20 reports including a time-saving sales tax report. Video Escort stores and prints unlimited tape, usic and graphic library entries, and includes a comlete mailing label database. All information of a variable nature such as company data, job pricing, and tax rates can be modifies and customized by the company owner. Requires 1MB RAM, a hard drive and SBase4Pro. Demo version available. $299.95
Mr. Hardware Computers, P.O. Box 148, C.I., NY 11722, (516) 234-8110

❖ *ACCOUNTING* ❖

Accounts Payable
Helps manage and track cash liabilities. Posts payments to general ledger or check ledger. $99.00
Computerware, 4403 Manchester Ave., Ste 101, Encinitas, CA 92024, (619) 436-3512

Accounts Receivable
Indicates overdue accounts, records key customer information, tracks invoices, and prints statements automatically. $99.00
Computerware, 4403 Manchester Ave., Ste 101, Encinitas, CA 92024, (619) 436-3512

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Business & Home Productivity

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AC's Back Issue Index
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B.E.S.T. Business Management V3.0
An easy-to-use, fully integrated business management and accounting system. Contains general ledger, accounts payable, inventory management, and services management. All purchasing, receiving, order processing, invoicing, and payment entry is provided through an easy-to-use Business Function process. Many standard reports are included in inventory management, services management, accounts receivable, and accounts payable. Custom reporting is available in the general ledger, inventory management, and accounts payable. Customer statements, purchase orders, invoices, and checks are prepared quickly and easily on professional-quality business forms. $149.95
Clackamas Computers, P.O. Box 769, 15791 SE 90th Ave., Clackamas, OR 97015, (503) 650-0379

B.E.S.T. General Ledger
This stand-alone general ledger contains all the features of the integrated B.E.S.T. Business Management General Ledger including a three-year history, transaction entry, and editing, audit trail reports, journal listings, custom financial reporting, and easy end-of-month closing. Completely compatible with the fully-integrated B.E.S.T. Business Management for future upgrade purposes. $79.95
Clackamas Computers, P.O. Box 769, 15791 SE 90th Ave., Clackamas, OR 97015, (503) 650-0379

Business Front
Complete business accounting program features General Ledger (GL), Accounts Receivable (AR), and Accounts Payable (AP). GL has user-definable chart of accounts, sub-account numbers for job costing, more. AR has alphanumeric customer numbers, automatic interest calculations for overdue accounts, more. AP has alphanumeric vendor numbers, complete aging reports, bills due reports, more. System features: modularized programs, 32,500 records per file, periodic and fiscal compaction, password protection. Requires A500/2000/3000 with 1MB. $129.00
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

Check Ledger
Single-entry bookkeeping system for small business or personal use. $99.00
Computerware, 4403 Manchester Ave., Ste 101, Encinitas, CA 92024, (619) 436-3512

❷ DAY-2-DAY Professional
Networkable order-entry/point-of-sale and customer database system with advanced accounts payable functions, inventory, perpetual sales tracking, and salesperson commission computations. Ideal for retail, wholesale, or manufacturing businesses. Integrates with the Accountant, General Ledger, and payroll systems. AmigaDOS release 2 compatible. Requires hard drive and 1MB chip RAM. $695.00
KFS Software, Inc., P. O. Box 897, Corning, CA 96021, (916) 824-2944

Desktop Budget
A personal finance management program for every budgeting concern handled in an icon-based manner. Assists in setting up monthly payments, automatically performs month-end reconciliations, and year-end roll-overs. Program contains useful full-function calculator and personal icon editor. $69.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

General Ledger
Comprehensive double-entry system. Includes audit trails, closing procedures, and full reporting. $99.00
Computerware, 4403 Manchester Ave., Ste 101, Encinitas, CA 92024, (619) 436-3512

Home Accounts 2
Home or small business accounts package. Handles unlimited accounts, transactions, analysis. Full graphics, auto transactions, loan calculation, net worth reports, and much more. Requires 0.5MB, one drive, Workbench 1.2 or later. $75.00
Digita International Ltd., Black Horse House, Exmouth Devon, EX8 1JL England, 011-44-395-270-273

Keep-Trak General Ledger
Record-keeping system for home or business use. It has many other features. $49.99
Other Guys, The , 297 E. 200 N., P.O. Box H, Logan, UT 84323, (801) 753-7620

◆ POSitive!
POSitive! is a point-of-sale system for the antique/craft malls and art galleries. The cash register portion allows for tax exempt and regular sales, discounts, different payment types and prints register receipts. It keeps track of sales by vendor, deals with commissions, charge card fees, miscellaneous fees and sales tax owed. Prints both sales reports and checks for each vendor upon request. Requires any Amiga running 2.04+, 1MB and hard drive. NTSC. $199.95
Digital Arts-KC Enterprises Ltd., P.O. Box 5206, Bloomington, IN 47407, (812) 330-0124

Payroll
Accommodates all pay types and pay periods. Includes federal and state tax reporting, quarterly, tax statements, W-2's, paychecks, and cost accounting. $125.00
Computerware, 4403 Manchester Ave., Ste 101, Encinitas, CA 92024, (619) 436-3512

◆ Personal Finance Manager Plus
P.F.M.+ is the perfect solution for home and small business finance and accounting needs. An easy-to-use, mouse driven, multiple windowed interface give you access to multiple accounts, budgets, reports, and graphs. Automate your personal or small business accounting with standing entries posted to multiple accounts and review your financial progress with budget and spending trend analysis. Compatible with all Amigas. $79.95
Oregon Research, 16200 SW Pacific Hwy, Suite 162, Tigard, OR 97224, (503) 620-4919

Service Industry Accounting Rev. B-4
Fully integrated accounting system incorporating General Ledger, Customer's, Vendor's, Inventory, and Job Cost/Billing. Automatically updates associated modules and General Ledger control accounts. Job Costing module can make estimates and convert them directly into invoices. NTSC/PAL. Requires A2000, Fat Agnus, at least 1MB, one floppy or hard disk, Workbench 1.3 or higher. $200.00
Sybiz, 39210 State St, Ste 120, Fremont, CA 94538, (510) 713-6742

❷ The Accountant 2.0
Complete, intergrated, accounting system with payroll, inventory, A/R, A/P, and general ledger including a general journal and 10 check registers. Four different point-of-sale options include an invoice writer, cash register system, and recurrent billings. Over 50 reports available. AmigaDOS release 2 compatible. $299.50
KFS Software, Inc., P. O. Box 897, Corning, CA 96021, (916) 824-2944

❷ The Booking Agent 2.0
For the talent agency that wants to save time and money by eliminating manual record keeping and costly errors (like double bookings and no-shows). The Booking Agent automates scheduling and accounting for up to 400 acts. Contracts are printed at the time of posting as well as on a daily posting sheet. Agents can search by date for open acts and print reports including schedules, income, unsigned contracts, unpaid commissions, deposits, confirmation notices, etc. Multiuser network version available. Requires Workbench 2.0. $499.00
Bigfoot Software, 912 Karl Street, Green Bay, WI 54301-2225, (414) 435-4500

❖ *DATABASES* ❖

❷ ARexxDB v2.0
New version of this universal database records manager for applications with ARexx compatibility. ARexxDB is for the developer and the serious Amiga user. The many new features include: functions which search for records using AmigaDOS 2.0 pattern matching, a utility for setting up files, automated indexing, and a new query language. Requires 512K RAM, 1MB and hard disk recommended. AmigaDOS 1.3/2.0 compatible. Price: $125. Developer quantity discounts available. $125.00
JMH Software, 7200 Hemlock Lane, Maple Grove, MN 55369, (612) 424-5464

Contact 2.0
Personal contacts manager for Commodore Amiga. Dials phone, prints labels—including to PostScript; can send name/address to active document window. Non-printing comments can be included. Batch print option for printing chosen subset of mailing labels in up to four columns. Can print labels for one or all records. User can tag any text in an individual record as the sort key for that record. Supports Amiga clipboard. Demonstration disk available. Compact, memory-resident, hotkey-activated. ARexx port and example scripts provided as well as menu option to launch ARexx scripts from within Contact. New edit note facility for attaching notes to a record. Version 2.0 includes CalcKey memory-resident calculator with memory functions, square root and boolean functions, binary, octal, decimal, hexadecimal modes. Distributed by Consultron in North America. $89.00
Desktop Utilities, North American dist: Consultron, P.O. Box 3053, Manuka, ACT 2603, Australia, (011) 616-239-6658

Designer Databases-Business I
Ready-to-use database. Simply load using Microfiche Filer or Microfiche Filer Plus and begin entering your data. Professionally designed, commercial quality databases come with complete data definitions and forms for editing and printing. Record inventory, billing, important dates, expenses, employee records, and mail merge. $59.00
Software Visions, Inc., 12625 La Tortola, San Diego, CA 92129-3069, (619) 538-6263

Designer Databases-Home I
Ready-to-use database. Simply load using Microfiche Filer or Microfiche Filer Plus and begin entering your data. Professionally designed, commercial-quality databases come with complete data definitions and forms for editing and printing. Record videotapes, CD's, records, stamps, coins, wines, and Fred Fish Disks (1000 public domain programs catalogued). $39.00
Software Visions, Inc., 12625 La Tortola, San Diego, CA 92129-3069, (619) 538-6263

Business & Home Productivity

LabelDex! v1.5
Now features VideoLibrarian to catalog your videos and print both spline and face VHS and audio cassette labels. Integrated mailing database/labeling program. Organizes mailing lists and floppy libraries. Prints a large variety of standard and custom labels. ARexx and dBase compatible. Searches, sorts, and serves as phone dialer. Supported printers include LaserJet, DeskJet, PostScript, and Epson. Use as ARexx script editor/terminal for remote control of other ARexx compatible programs. Requires 1MB. $74.95
EasyScript! Software, 10006 Covington Drive, Huntsville, AL 35803, (205) 881-6297 (TECH)

Microfiche Filer
Award winning database useful for home and business record keeping. Also has powerful graphic storage capabilities. $99.00
Software Visions, Inc., 12625 La Tortola, San Diego, CA 92129-3069, (619) 538-6263

Microfiche Filer Plus
File manager includes full programmer interface using ARexx. Thirty-three powerful new commands allow database access from any ARexx macro. Automatic field calculations, HAM picture storage, database programming, direct control over other applications, dynamic data import, and export with ARexx-compatible applications. $179.00
Software Visions, Inc., 12625 La Tortola, San Diego, CA 92129-3069, (619) 538-6263

Omega File Data Base-Mail Merge
Mail-merge database for check registers, invoicing, inventory, etc. $79.99
Other Guys, The , 297 E. 200 N., P.O. Box H, Logan, UT 84323, (801) 753-7620

Record Manager Information Base V1.4
Information storage and retrieval system. Easy to use, multiple sorts: search by criteria, print by criteria; mailing labels one or two across, number records limited by disk space. NTSC/PAL. $49.95
HC Software Pty Ltd, PO Box 782, Prospect East, S.A., Australia 5082, (011) 618-262-4461

❷ SBase Personal 4
SBase Personal 4 improves upon the Superbase Personal series with several added features including: query across relationships between multiple files; save, load, and edit file-update, file-query and mail label programs; report from multiple files with multiple sort levels. AmigaDOS 2.0 compatible. Requires Workbench 1.3 or higher. $149.95
Oxxi, Inc., P.O. Box 90309, Long Beach, CA 90809-0309, (310) 427-1227
Please see display ad insert.

Superbase Personal 2
Superbase Personal 2 is an easy-to-use 'relational' data manager for organizing, storing, retrieving, and reporting on information from multiple data tables–all without programming. Useful features include a text editor, mailmerge and telecommunications facilities, VCR-style browsing buttons, relational data entry, and the ability to link and retrieve external text, graphic, and sound files. Superbase Personal 2 has many of the features found in Oxxi's popular Superbase Professional 4 programmable relational database management system. $149.95
Oxxi, Inc., P.O. Box 90309, Long Beach, CA 90809-0309, (310) 427-1227
Please see display ad insert.

Superbase Professional 4 v1.2
Forms design, application development and relational database is the first new Amiga version of the Superbase technology since 1988, and includes major enhancements in form design, database definition, programming, performance, and documentation. Developed from Precision's Superbase 4 for Microsoft Windows 3.0, Superbase Professional 4 files support one billion records, new data types and attributes, 4,000 character text fields, logical fields, and PCX and GIF image formats, and can store and play sound samples as data. Import/export formats include DBF (dBASE), WKS (Lotus 1-2-3), and XLS (Microsoft Excel). It can also directly read dBASE DBF data and output from existing dBASE databases without conversions. New features include improved network operations which allow upto 32,000 concurrent users to access database files; SQL server support added; additional image formats and more display and printing options; increases speed; increased flexibility. $299.95
Oxxi, Inc., P.O. Box 90309, Long Beach, CA 90809-0309, (310) 427-1227
Please see display ad insert.

Winston Cup Trading Cards Database Template
Template for Superbase Pro 4. To keep record of the Maxx racing cards (Winston Cup series). $9.95
John 1:1 Graphics, P. O. Box 316, Bellflower, CA 90707-0316

❷ dBMAN V
This is a dBASE III Plus-compatible relational database management system which allows most dBASE applications from PC DOS to run with no change on Amiga. Applications written in dBMAN V are fully portable over 100 platforms, including: PC DOS, LAN, UNIX, XENIX, AIX, Sun, DEC, A/UX, and mainframes. Includes scrollable windows, menus, UDFs, multi-dimensional arrays, data encryption, and password protection at field level, and more. AmigaDOS 2.0 compatible. $199.95
VersaSoft Corporation, 4340 Almaden Expressway, Ste. 110, San Jose, CA 95118, (408) 723-9044

❖ *FINANCE* ❖

AMT
Amortization and cost evaluation. $39.99
Other Guys, The , 297 E. 200 N., P.O. Box H, Logan, UT 84323, (801) 753-7620

Home Front 2.5
The home finance and management program for the Amiga. Features include check and graph printing, auto transactions, auto data backup, data export, a brand new graphic interface, easy hard disk installation program, and more. Home Front can handle up to 99 accounts, 1000 categories, and over 32,500 transactions before compacting. Ideal for small businesses. $99.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

Investors Companion
An investment portfolio program for keeping track of the total value of your investments from date of acquisition to date of sale. Requires Software Advantage's Investor's Advantage 2.1. $99.00
Bigfoot Software, 912 Karl Street, Green Bay, WI 54301-2225, (414) 435-4500

Investor's Advantage 2.0
Investment analysis tool for stock selection and market timing. Chart stocks, mutual funds, market indices, commodities, and options. Utilize Individual Equity Studies and General Market indicators. Automatic downloading capabilities built in. Use the relative strength report to pick the best performers. Time your market entries and exits using the market barometers. $399.95
Software Advantage Consulting Corporation, 38442 Gail Street, Clinton Township, MI 48036, (313) 463-4995

Money Mentor
Money Mentor harnesses the power of the Amiga to compute and graph clear reports of your financial situation. Money Mentor has a unique system called Smart Scrolls, which studies previous transactions and remembers details about them. Budget System: 200 categories/Transaction System. $95.95
Sedona Software, 11828 Rancho Bernardo Road, San Diego, CA 92128, (619) 451-0151

PHASAR 4.0
Single-entry personal financial manager and organizer manages anyone's financial needs. Interactive accounts track and record personal revenue and expenses. Displays tax liability at any time, prepares individual tax forms and returns, contains address organizer, desktop diary, and appointment calendar. AI parser predicts input. Also features custom check printing, 130 income/expense categories, formatted reports, and more. Handles more accounts than version 3.0. $89.95
Psygnosis Limited, 675 Massachusetts Ave., Cambridge, MA 02139, (617) 497-5457

TaxBreak
Easy-to-use federal personal tax preparation program with on-screen representation of forms and schedules, fast recalculation, constant updating of refund status, pop-up calculator, on-line IRS booklet, plus many more useful features. (Formerly dataTax.) Requires 1MB RAM. $79.95
Oxxi, Inc., P.O. Box 90309, Long Beach, CA 90809-0309, (310) 427-1227
Please see display ad insert.

❖ *FORMS* ❖

◆ Microfirm
Microfirm is designed to help you create Personal, Business and Legal documents from the convenience of your own personal computer! Microfirm has document creation features which allow you to create documents reanging from simple Bill of Sale to Last Will & Testament. For business and legal use, documents such as: Real Estate, Business Rental Agreements, Invoices, Purchase Orders, Contract for Hire, Non-disclosures, Corporate, Partneship and Sole Proprietorship documents can be created. Microfirm is not intended to replace attorneys; any document created with Microfirm should be looked over by a reputable legal representative before the document is signed. $89.95
The Gemstone Group, 64 Hollywood Dr., Madison, WI 53713

Producer's Survival Kit™ Professional Video Forms Booklet
Extremely helpful to the proper organization and operation of your video production business. These forms help you to: Keep all communications clear, Document your work, Preplan any project, Estimate a budget. Includes: Client interview worksheet, Treatment worksheet, Project feasibility checklist, Production budget sheet, Production contract, Content, Qualification worksheet, Script content commitment form, Storyboard page, Shotlist, Location survey, Call sheet, Field footage log, Releases, Edit decision list. First edition. Free with purchase of 'Designing and Building Your Desktop Video System' videotape. $49.00
BullsEye Publishing Co., 7 River Bend, POB 515, Jasper, AR 72641, (501) 446-5120

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CDTV & CD32
Accessories & Services
Books & Tapes
Freely Redistributable Software(FRS)
Cat Fish FRS Index
Fred Fish FRS Index
AMICUS FRS Index
AC's Back Issue Index
Vendor/Product Registration
User's Groups
Index of Advertisers
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
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Top Form II
Design and print professional-looking forms for use at office or home. Import text or merge text files with forms. Fill in forms from the computer, or print first and fill in later. True print, not a graphics dump, so forms look clear and crisp. $99.00
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 753-4947

❖ INTEGRATED ❖

Home Office Advantage
The Advantage is a powerful, integrated spreadsheet,database, and graphics package. The program includes all of the standard features of spreadsheets plus automatic recalculation, user-definable functions, and an extensive library of statistical, financial and scientific functions. The Advantage fully supports ARexx. As well, the program effortlessly creates structured 2-D and 3-D charts and graphs that may be imported into Professional Page and Professional Draw retaining all color and fill pattern information. The charts and graphs can also be saved as bitmaps for use with any Amiga program supporting the IFF standard. $199.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

❖ SPREADSHEETS ❖

Haicalc
Full utilization of the Amiga Intuition user interface with economical use of memory. Multitasking, multi-windowing, multiple fonts and styles. Maximum spreadsheet size of 9,000 x 9,000. Simple operation, color graphics, and more. All data files created with icons to allow the user to manipulate both worksheet and text files under workbench. All commands accessible from the menu. $39.95
Haitex Resources, P.O. Box 20609 , Charleston, SC 29413-0609, (803) 881-7518

Maxiplan 4
Full-featured integrated spreadsheet/database program. Compatible with files from the popular Lotus 1-2-3 program, Maxiplan 4 provides the user with an integrated set of tools to store text and numerical data, perform analysis, and calculations based on that data, and display the results graphically in more than 100 different chart styles. Over 70 built-in spreadsheet functions for performing a broad array of scientific, statistical, and financial operations. One 3.5-inch diskette,1MB of memory and two disk drives recommended. Workbench 2.0 compatible. Australian users see Australian address in Vendor Information. $149.95
Disc Company, The , 11440 San Vicente Blvd, Ste 300, Los Angeles, CA 90049, (310) 207-1600

Superplan
Use the advantages of the Amiga for powerful spreadsheet operations. Pull-down menus, on-screen functions buttons or standard slash commands. Superplan's ARexx support allows for free exchange of data with other programs. Fully integrates with Superbase Professional. Spreadsheet dimensions stretch to 2048 rows by 1024 columns. Also provides full color output to a wide range of printers and plotters. $149.95
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Dineen Edwards Group, 19785 West Twelve Mile Road, Ste. 305, Southfield, MI 48076-2553, (313) 352-4288

◆❷ REXX RAINBOW Library Series
The Stem/Array functions volume of the REXX RAINBOW Library Series is an ARexx tutorial, function library, and reference manual dedicated to arrays. The library contains over 100 functions to manipulate single dimension arrays. The functions include string manipulation, mathematical calculations, scientific calculations, and file access. As a support library, the functions are callable from both interpreted and compiled ARexx programs. The library does not require REXX PLUS, but, as an added value to REXX PLUS users all functions can be included as part of the language. The library also includes the AssignArray() function, which allows you to build your own single or multiple dimension array functions by retrieving and assigning values from/to any REXX program in the calling sequence. The manual is 150+ pages with chapters dedicated to Symbols, Arrays, Array Functions, and Function Syntax. Tutorials and examples are used throughout each chapter. AmigaDOS 1.3, 2.0 and 3.0 compatible. $48.00
Dineen Edwards Group, 19785 West Twelve Mile Road, Ste. 305, Southfield, MI 48076-2553, (313) 352-4288

ReSource V5
ReSource V5 is an intelligent interactive disassembler for Amiga programmers. Entirely hand-coded in assembly, it is blindingly fast, disassembling literally hundreds of thousands of lines per minute from executable files, binary files, memory, or disk blocks. Full use is made of Amiga windowing environment. Over 900 menu functions allow you to create real assembler source code. Most Amiga structure names available at the touch of a key. Base-relative addressing supported for disassembling C programs. User-defined structures also supported. All Amiga hunk types supported for code scan. ReSource V5 runs on any 680x0 CPU, but automatically detects the presence of an 020/030 CPU and runs faster routines if possible. Allows user to output either traditional 68K syntax or new Motorola M68000 Family assembly language syntax, and is fully compatible with Macro68 assembler. All-new, online help facility featuring hypertext word indexing now included. This enables user to get in-depth help about any function at the touch of a key. Completely rewritten user manual. ReSource V5 supersedes all previous versions. Requires 1MB RAM, V1.3 or later. $150.00
Puzzle Factory, The , P.O. Box 986, Veneta, OR 97487, (503) 935-3709

◆ RuFOS Applications Programming Interface
This tool is a system of assembly routines designed for use with assembly and C programs. RuFOS provides complex programmable systems in simple function form, such as the parser system, the full screen editor, the button system, text printing, keyboard/mouse button inquiry, simple custom fonts, and simple bitmap graphics drawing/animation. All systems are completely custom and are in no way related to any similar Amiga library functions. Object Libraries are provided for several compilers and assemblers. Designed for all stock Amigas. $50.00
RoKroot software/hardware, 5411 37th Ave. South, Seattle, WA 98118, (206) 722-6258

❷ SAS/C® Development System with C++, Version 6.50
Version 6.50 was developed to provide users with a responsive, controllable C compiler designed for the Amiga. Compiler features system-wide online help, global and peephole optimizers, instruction scheduler, easy creation/debugging of shared libraries and devices, and more. Also includes a C and C++ debugger, editor, assembler, extensive documentation, and many other utilities. Requires AmigaDOS 1.2 or higher, at least 1MB. 2MB or more and hard disk recommended, but will work with two 880K 3.5-inch diskette drives. $395.00
SAS Institute Inc., SAS Campus Drive, Cary, NC 27513, (919) 677-8000

Source Builder
Source Builder is a CASE (Computer Aided Software Engineering) tool for the Amiga computer. This tool allows the programmer who has to design, code, integrate, and manage large amount of software to automate the development of source code. The tool supports source code generation in two distinct ways—Advanced Macro Processing and Logical Object Processing. It manipulates ASCII files. The user can write source code with practically all languages. $99.95
Software Integration Solutions, 11027 Twin Pond Terrace, San Diego, CA 92128, (619) 748-3350

◆ TorqueWare™ for the Amiga
Development system for creating programs that run in parallel on networked computers (Amiga, SGI/MIPS, SPARC, etc.). Harnesses power of each participating computer to solve your problem in less time (e.g, if integrated with rendering code, can accelerate rendering). Non-Amiga products from Torque Systems, Inc. allow cross-system development and execution. Implements the Linda distributed programming model, where portable C calls are preprocessed to calls to link libraries. Development system (preprocessor, stand-alone local client/server link libraries, local and network support tools): $100. Network client/server link libraries: $150 per Amiga CPU. Server distribution requires a license.
AugmenTek, 3606 S. 180th St. #C-22, Seatac, WA 98188, (206) 246-6077

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GfxBase, 1881 Ellwell Drive, Milpitas, CA 95035, (408) 262-1469

❷ XII Programmer's System for the Amiga
Develop X11 applications under AmigaDOS. Source code compatible with X11 release 9, or UNIX based machines. Works with Gfx Base's XII window system for the Amiga. Contents: X11 R4 include files, xlib, athena widjets, xtoolkit, xmu, BSD socket library networks: ethernet DECnet (TSSnet) +CP/IP (NE225), SANA, arcnet and slip. Requires SAS 5.10B or SAS 6.3, 3MB RAM. $250.00
GfxBase, 1881 Ellwell Drive, Milpitas, CA 95035, (408) 262-1469

❖ *PROGRAMMING TOOLS* ❖

◆ AMOS TURBO extension
AMOS TURBO extension is a powerful new set of commands and utilities for the AMOS programmer. The TURBO extension allows you to produce effects and use techniques that were previously only available to machine language programmers. Many enhanced and optimised commands: Faster Zone checking, quick block manipulation, bitplane scrolling and clipping, and much more.
PLAYFIELD!, 12609 NW 13th Ct., Sunrise, FL 33323, (305) 491-9770

❷ Display Maker
Provides programmer with a user interface construction and program generation tool. Display Maker is not a single-use user interface code generator. It provides a full WYSIWYG user interface generation and prototyping tool that lets programmers and non-programmers create Intuition user interfaces. Resulting user interface is embodied in resource file used directly by the final application to implement the interface. Once user interface is created, programmer can combine Display Maker's library functions with application support code to produce working application. Application's user interface can be modified by a preferences tool, changing the appearance of interface without requiring any recompilation. NTSC/PAL. Requires 1MB min, AmigaDOS 2.04 or higher. $199.95
Expert Services, 7559 Mall Rd, Florence, KY 41042, (606) 371-9690

◆❷ Dynamic Designer for DRD v1.0
Visually create user interfaces for applications written with DRD Toolkit. Simply use the mouse to create user interface elements such as: Group, Button, Check Box, Spin, List, Radio Button, Palette, Scroller, Slider, Text Field, Bitmap Editor, Object Editor, Static Text and Image. Interactively create windows, requestors and menus. When done, you may either store the interface for dynamic retrieval at run-time, or generate source code automatically. Full documentation including tutorial. Requires DRD Toolkit. All CPU's including 68040 supported, 1Mb required, 2Mb or more recommended, HD recommended, supports AmigaDOS 1.3, additional features under 2.04, 2.1 or greater, AGA supported.
Infinite Possibilities Software & Development, 2416 Stanton Hill Rd., Castro Valley, CA 94546, (510) 886-7045

◆❷ Dynamic Relative Display Toolkit v1.0
DRD Toolkit is a programmer's library which dramatically accelerates the development of powerful Amiga applications. It incorporates these unique features: dynamic layout, screen font-independent, display resolution-independent, interface retrieved dynamically at run-time, user customizable interfaces, object-oriented, internationalization, supports visually-impaired users, 3D look and capabilities beyond GadTools. It provides routines for creating and handling windows, requesters, menus, gadgets, callback hooks, timer events and more. Requires SAS/C 5.10, 6.0 or later. No royalty fees. All CPU's including 68040 supported, 1Mb required, 2Mb or more recommended, HD recommended, supports AmigaDOS 1.3, additional features under 2.04, 2.1 or greater, AGA supported.
Infinite Possibilities Software & Development, 2416 Stanton Hill Rd., Castro Valley, CA 94546, (510) 886-7045

◆ FLink
ALink/BLink compatible linker. Produces significantly smaller code and is tremendously fast. (Linking time in most cases less than 1 second.) ARexx support. $199.00
Spectronics International U.S.A., Inc., 34 East Main St. #3, Champaign, IL 61820, (217) 352-0061

❷ Instinct
Object-oriented shared library to simplify programming for the Amiga. Included classes provide support for Intuition functions in an easy-to-

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use environment. In addition to the object classes, the Instinct object engine is designed to readily accept new classes as they are released. Class structure allows incorporation of only the required classes—saving memory and reducing complexity for the programmer! Requires AmigaDOS 2.0. Available 1st quarter 1993. $249.95
Advanced Thinkware Designs, 61 East 8th Street, Suite 324, New York, NY 10003

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This powerful, easy-to-use version has AmigaDOS 2.0 specific features. Load/save configuration, Enforcer support, 68020/030 support, memory windows, execution control, powerful expression evaluation, full symbolic capability, much more. $99.95
INOVAtronics, Inc., 8499 Greenville Ave., Ste. 209B, Dallas, TX 75231, (214) 340-4991

Motif Programmer's Toolkit for the Amiga
The Motif Programmer's Toolkit with MWM implements the standard machine-independent programming environment of the OSF/Motif graphics user interface. Includes: include files, Motif object libraries, Motif window manager, UIL (Motif User Interface Language) compiler, WML (Widget Meta Language), MRM (Motif Resource Manager), plus more. Requires 4MB RAM min., 10MB hard disk space, SASC/5.10 B. $295.00
GfxBase, 1881 Ellwell Drive, Milpitas, CA 95035, (408) 262-1469

STSLib
A library of C functions which allows Amiga programmers simple access to 3-D look gadgets under AmigaDOS 1.3/2.0. STSLib provides functionality similar to gadtools library of AmigaDOS 2.0, allowing simple generation of boolean, text, slider, and cycle gadgets as well as radio buttons, check boxes, and menus which are font sensitive under AmigaDOS2.0. STSLib is provided as source code and as Blink-compatible library. Requires SAS/C computer. $60.00
SciTech Software, 23 Stag Leys, Ashtead, Surrey KT21 2TD, England, 011-44-372-275-775

Wisdom
User interface design tool for Instinct. Provides programmer with a CASE-like environment for designing user interfaces, and stores the design in a resource file. Includes a shared library for accessing the Instinct objects used, allowing the programmer to concentrate on the functionality of the application while Wisdom does the 'dirty work.' User interface resources can be modified without need for recompilation. Requires Instinct and AmigaDOS 2.0. Available 2nd quarter 1993. $149.95
Advanced Thinkware Designs, 61 East 8th Street, Suite 324, New York, NY 10003

XView Programmer's Toolkit for Amiga
XView programmer's toolkit allows native development of XView-XWindows programs using the SAS C compiler. XView is an X toolkit based on Sunview programming model allowing for easy parts of existing Sunview programs to XWindows environment. Produced by S & B Software. $250.00
GfxBase, 1881 Ellwell Drive, Milpitas, CA 95035, (408) 262-1469

❖ *TEXT EDITORS* ❖

CygnusEd Professional
The leading high performance text editor for the Amiga has been improved! The new version includes: Search/Replace Hisstory, Graphical macroeditor, support for the clipboard, support for standard file, font and screen mofe requesters. this release also features a brand new manual, more ARexx commands. Previous CED owners may contact ASDG for upgrade information. $119.95
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

Edge
Edge is a highly configurable, easy to use text editor for everyone-from the professional programmer to anyone looking for a suitable replacement for 'ed', the Amiga text editor. Features include: unlimited number of files, unlimited windows per file, uses any system font, fast search replace and scrolling, full ARexx support with macro recording, user definable window attributes and parameters, on-line help, and comprehensive paragraph formatting. $99.95
INOVAtronics, Inc., 8499 Greenville Ave., Ste. 209B, Dallas, TX 75231, (214) 340-4991

❖ *TUTORIAL* ❖

AmigaDOS v2.0 Native Developer Update
Four-disk set containing the final 2.04 function Autodocs, final 2.04C and assembler Amiga include files, linker libs (Amiga.lib, debug.lib, ddebug.lib), FD files, offsets, a great deal of 2.0 example code, and the 'Software Toolkit II' disk full of the latest Amiga debugging tools. Not available through Commodore Authorized Resellers. Send check/money order to Commodore Business Machines, Dept. C, listed address. U.S. S&H $3, Canada/Europe via air $15. Add local sales tax for PA, VA, CA, TN. Allow 4-6 weeks delivery. $20.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Audiotools for the Amiga
Based on an article published in July/Aug 87 Amiga World, disk contains source and object in both C and Modula-2 that simplifies direct access to the audio device. Updated since publication of the original article, and includes the original unedited article text (with updates included). No licence required for use. $8.00
DATAPATH, P.O. Box 1828, Los Gatos, CA 95031

Easy AMOS
Have you ever dreamed of making your Amiga really work for you? Now you can with simplified, ultra-friendly version of AMOS Basic. Easy AMOS will show you how to produce graphics, animate colorful objects, scroll large text, add music, create games, and more. Easy AMOS is packed with ready-to-run programs carefully and simply explained. Programming course of 20 lessons consists of two disks and user guide. Requires 1MB or more and three blank disks. £34.99.
Europress Software, Europa House, Adlington Park, Macclesfield SK10 4NP, England, (011) 44-625-859-333

❖ *UTILITIES* ❖

Benchmark Source Level Debugger and Tools
Modula-2 interactive mouse driven source level debugger, a post-modem debugger, execution profiler, source formatter, and other advanced programming tools. $99.95
Armadillo Computing, 5225 Marymount Drive, Austin, TX 78723, (512) 926-0360
Please see display ad p.60.

F-Basic System Source Level DeBugger (SLDB) 5.0
The SLDB functions in a fully-windowed Intuition interface, and allows the user of an F-Basic 5.0 program to debug at the Source level. A knowledge of assembly language is not necessary to use the SLDB. Allows the user to set breakpoints on source lines of the program halting execution, trace one source line at a time, go until breakpoint, etc. Allows the same functions at assembly level. Valuable debugging tool for beginner or advanced programmer. Some features include viewing and altering 68000/020/030/040 registers, viewing and altering coprocessor registers, memory, variables, arrays, and records by name. Full-featured reverse assembler also included. Version 5.0 adds dozens of new features and PAL and ECS/AGA chip set support. AmigaDOS 1.3, 2.0/2.1, 3.0 compatible. Runs on all Amigas. Includes user's manual. Requires F-Basic 5.0 $60.00
Delphi Noetic Systems, Inc., P. O. Box 7722, 3924 W. Chicago Street, Rapid City, SD 57709, (605) 348-0791

FasTrig
Library of object modules of trigonometric functions that execute 180 times faster than conventional IEEE trig functions on any Amiga without a floating point processor. Speed increase achieved by consistent use of integer binary math in all phases of computations. Object modules are callable from C language or assembly code. Source codes, support routines, and example codes provided on one non-protected diskette. Document manual fully discusses FasTrig concept and Amiga implementation. Compatible with all Amiga systems. $55.00
Parth Galen, P.O. Box 482, Cold Spring, MN 56320, (612) 685-8871

Flexe Lint for the Amiga
Finds errors, bugs, and inconsistencies that your compiler working on one module at a time will miss. Supports K&R C language and ANSI C. Finds inconsistent declarations, argument/parameter mismatches, uninitialized or unaccessed variables, unreferenced variables, suspicious macros, indentation, and more. Includes compiler options files for the Lattice and Aztec compilers. Version 4.0 features incremental linting and checking of compile time objects. $98.00
Gimpel Software, 3207 Hogarth Lane, Collegeville, PA 19426, (215) 584-4261

Library Source
Includes the original Assembly and C source to all routines in the Aztec RunTime Libraries. $300.00
Manx Software Systems, P.O. Box 980, Freehold, NJ 07728, (800) 221-0440

M2 Debug
Debugger for M2Amiga. $100.00
A+L AG, Daderiz 61, 2540 Grenchen, Switzerland, (011) 416-552-0311

O Debug
Runtime source level Debugger for Amiga Oberon. $100.00
A+L AG, Daderiz 61, 2540 Grenchen, Switzerland, (011) 416-552-0311

RUF Programming Utility
RUF allows the assembly programmer to forget about .i files and use .h files in simplicity! RUF scans your assembly source, replacing structure references and defines with equivalent data from the .h files, then evokes your assembler on the modified temp file. A must for 2 floppy system hybrid programmers. $15.00
RoKroot software/hardware, 5411 37th Ave. South, Seattle, WA 98118, (206) 722-6258

Software From Hell
Software routines, libraries, and utilities for Amiga programmers. Includes all open/close individual/specific/stereo channels, start/stop/flush/reset audio channels, play: notes, frequencies, sampled sound effects; read IFF 8SVX sound effect files; many sound effects included in package. Also includes accurate time delays using Amiga hardware timers, track positioning, brush memory management, direct BLITTER access routines, and convert brushes to sprites. All source included with examples. All C source has been run through Lint for maximum portability among different compilers. Libraries provided in Manx Aztec C format. $69.95
Conceptually Advanced Technologies, P.O.Box 3302, Santa Monica, CA 90403, (310) 452-1732

Source Level Debugger (SDB)
Interactive source-level debugger designed for fast response and ease in debugging. SDB lets user display all function action names; display values of passed parameters; examine values from any active function; customize the debugging environment with reusable command macros and procedures; use function or line-by-line tracing; set breakpoints by lines functions or variables; see actual C source as it executes; and more. $125.00
Manx Software Systems, P.O. Box 980, Freehold, NJ 07728, (800) 221-0440

WShell 2.0
Enhanced command shell offering filename completion, session history with scrollbar, console window menus, resident and built-in commands, command piping, ARexx support, and much more. Highly compatible with the Amiga system shell. Documentation provided in 100+ page spiral-bound manual. $89.00
Wishful Thinking Development Corp, P. O. Box 308, Maynard, MA 01755, (508) 568-8695

Utilities

❖ UTILITIES GENERAL ❖

ALF-TOOLS
Software tool box with hard disk optimizer, speed test, undelete. NTSC/PAL. English/German manual. Workbench 2.0 compatible. $35.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

Amiga Multi-User Software
Allows the Amiga to serve multiple terminals with more than one window per terminal. Runs text-only CLI programs from the terminals. Multi-user database software available. $120.00
Conceptual Computing, 6O3 Castlefield Ave., Toronto, Ontario, Canada M5N 1L9, (416) 971-9428

Ami...Alignment System
This program allows user to evaluate 3.5-inch disk drive alignment, speed, read-write performance, and other characteristics. All too frequently, users encounter error messages related to the disk drive. This program provides a means of diagnosing and correcting the problem. $49.95
Free Spirit Software, Inc., P.O. Box 158, Trafalgar, IN 46181, (812) 376-9964

❷ AutoKick
Modify A1000 Kickstart disks to use any floppy to boot from. Software autoconfig contiguous blocks of fastmem, increase available chip RAM. Install a font of your choice in place of Topaz-8 font supplied with Kickstart. Install code to prevent the spread of any boot-block virus. Speed up floppy operation. Full intuition interface; all operations selectable from gadgets. Runs from CLI or Workbench. Requires A1000, 512K, AmigaDOS 1.2 or 1.3. $39.95
DigiSoft, 12 Dinmore Street, Moorooka, Brisbanc, Queensland, Australia 4105, (011) 617-277-3255

B.A.D.
B.A.D. is a disk optimizer. Disk optimizing is a process in which a disk is reconstructed and organized in a manner such that the disk performs much more smoothly and quickly. The results of processing a disk are quite noticeable, as it is difficult to keep disks well organized. B.A.D. does not change anything on the disk, except the location of data. B.A.D. works with floppies and hard drives, and also supports multiple partitions. $49.95
Centaur Software, Inc.;, 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

D.U.D.E.
DOS Utility/DOS Enhancer combines the power of CLI with the simplicity of Workbench. Up to twelve directory windows are visible at once so you can manipulate your files conveniently. Designed to use a minimum amount of precious RAM to maximize multitasking efficiency. Every aspect of the program can be customized to your needs and preferences. Includes a hard disk backup function. $19.95
Centaur Software, Inc.;, 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

DIGI-Mice
DIGI-Mice is a man-machine interface for the Amiga, for use in interactive hypermedia productions and performances. By emulating the mouse functions, DIGI-Mice software allows you to control virtually any video, music, or paint programs from the power glove. NTSC only, 68000 7MHz only, Nintendo power glove required, Workbench 1.3 or later. $50.00
Tensor Productions, 819 Gwyne Avenue, Santa Barbara, CA 93111, (805) 683-2165

❷ DJHelper
DJHelper is a Preferences-like interface providing detailed control over all features of HP DeskJet printers. Four screens allow full specification of page parameters; selection of any typeface, character set, pitch or point; conversion and downloading of soft fonts; grayscale redefinition; free positioning of graphics; editing and downloading of Amiga and HP printer commands; complete control over the AmigaDOS command set; and more. AmigaDOS1.3/2.04 compatible, for any Amiga, and any HP DeskJet. $50.00
Creative Focus, P.O. Box 580, Chenango Bridge, NY 13745-0580, (607) 648-4082

❷ DisKwik 2.0
A complete disk editor and repair kit for the Amiga. Features include Edit in Hex or ASCII, search, restore deleted files, repair errors, checksum boot blocks, kickstart disks, and plus a lot more. Documentation describes disk origination and other aspects of AmigaDOS. Scans for errors. AmigaDOS 2.0 compatible. $49.95
Tigress, P. O. Box 665, Glendora, CA 91740, (818) 334-0709

Doctor Ami...
Doctor Ami...is a memory and hard-drive diagnostic program that performs sophisticated, low-level tests on your system with an elegant interface, and simple controls and displays. Memory and drive errors are displayed, and mapped out of the system. $49.95
Free Spirit Software, Inc., P.O. Box 158, Trafalgar, IN 46181, (812) 376-9964

Flicker Free Video Preferences
This new preferences program allows customization of the display. With a Fatter Agnus and this program, the vertical scan rate can be adjusted from 49Hz to 100Hz (or within limits of your hardware) to reduce flicker or increase number of scan lines. Workbench overscan can also be adjusted and maximized. From 2 to 16 colors can be set with Workbench 2. Can be used with or without display enhancer, although some features may be limited depending upon your hardware. $29.96
ICD Incorporated , 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

◆ GigaMem
GigaMem is the first commercial Virtual Memory utility ever made available for the Amiga. Already widely used on MAC/PC platforms, virtual memory utilities direct the operating system to treat free hard drive space as RAM, once all other RAM is used. GigaMem works with any Amiga using a 68020 or 68030 processor with an MMU and Kickstart 2.04 or later. GigaMem is fully accessable at all times and is completely transparent to system software and all programs loaded subsequently. $149.95
INOVAtronics, Inc., 8499 Greenville Ave., Ste. 209B, Dallas, TX 75231, (214) 340-4991

Hermes IconLab 1.3
Make your own icons. All icon/brush options (icon to brush, brush to icon, etc.) available. Shows/draws/paints icons in two to 16 colors. Shows and loads all disk font. Reduces IFF pictures to icon sizes. $34.95
Elkon Enterprises , 4654 Mistletoe , Wichita Falls, TX 76308, (817) 691-0964

◆ HyperCache Professional
HyperCache Professional was designed from the ground up to work with with any device, regardless of the type of device or the filesystem being used. It has been tested on deveices ranging from C Ltd's aging controllers to the latest CD-ROM systems, where it performs equally well. It functions well with the Old File System, the FastFile system, and even MS-DOS filesystems such as CrossDOS and MultiDOS. Users of Commodore's A590 system, which was shipped with a very slow XT drive, will be very appreciative of the performance levels not only in read speed, but also in seek times that are reduced to near-zero. Accelerated systems show even greater benefit, and to that end, we have supplied a custom 68030/68040 version as well. The software will automatically configure itself to a 512K cache which can of course be tailored in size to meet RAM restrictions as required. The cache size can also be increased where more RAM is available. $49.95
Silicon Prairie, 2326 Francis St., Regina, SK S4N 2P7, Canada, (306) 352-0358

ImageFinder v1.1
New version. ImageFinder is a great utility for finding graphic files by looking at miniatures (called thumbnails) of the images in full color or in gray scale. Disk volumes and/or directories are scanned for ILBM, ANIM, GIF, HAM-E, and PCX files to create an index file. Thumbnails stored in index files can be browsed directly or after being sorted. The drawer and file name of a selected image can be automatically entered in the file requester of an application. $65.00
Zardoz Software, 12036 Nevada City Highway, Ste. 192, Grass Valley, CA 95945, (916) 274-8311

Installation 1-3
Lets you effortlessly install libraries, printer devices, and preferences to any disk or hard drive. Requires A500/A1000/A2000/A3000, mouse. $14.95
Electronic Trading Post, 71 Avenue Road, Highgate 5063, Adelaide, South Australia, Australia, 011-61-8-272-2302

❷ KickWork 2.0 + DOS 2.0
Single-disk boot for the Amiga 1000. KickWork combines KickStart and Workbench on one disk, providing Amiga 1000 users with a single-disk boot system. A one-disk software system for unattended applications. Warm boot with any other Workbench. Reboots automatically, does not have to be re-armed. Requires A1000 with at least 1MB of RAM. DOS 2.0 ($99) is supplied because customer is required to purchase DOS 2.0 as well. $149.95
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
Please see display ad p.122.

❷ Mach V
A keyboard and mouse enhancer that does much more than any other utility. Hotkeys play back keystrokes, mouse movements, and many special functions. Also includes a mouse accelerator, screen blanker, title bar clock, and much more. This 5.0 version runs only under AmigaDOS 2.04. $15.00
Polyglot Software, 884 W. Melrose Lane, Boise, ID 83706, (208) 336-4583

◆ Nic Wilson UTIL./NoVirus
All the utilities made famous by Nic Wilson are on this disk. As well as being set up for use as a complete virus-killer, it also contains latest versions of SysInfo, AutoCLI, AddMenu, TrackDOS, NoErrors and more. NTSC/PAL. All Amigas. $29.00
MegaDisc, P.O. Box 759, Crow's Nest, Australia 2065, (011) 612-959-3692

◆ PEGGER
PEGGER is a fully integrated JPEG utility based on the compression algorithm from the Joint Photographers Experts Group. PEGGER allows programs that don't support JPEG images to work automatically with them. Everything from 3-D animation systems to graphic and multi-media programs greatly benefit from the enormous savings in hard drive space PEGGER's JPEG compression provides. $99.95
Heifner Communications, Inc., 4451 I-70 Dr. N.W., Columbia, MO 65202, (800) 445-6164

◆ SHI Utilities
SHI Utilities is a collection of latest public domain utilities for the Amiga. Includes DCopy (with virus-checking features), DirWork, PowerPacker, Imploder, and more. Updated frequently. Full worldwide support. Send SASE for more information. $5.00
Safe Hex International, P.O. box 724, Port Richey, FL 34673-0724, (813) 847-6586

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◆ New Product Listing
❷ AmigaDOS release 2 Compatible *(Vendor Verified)*

Utilities

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STU-Amiga System Test Utility
STU is a complete diagnostic for memory and disks. Will test up to seven disk devices at one time. Fully tests chip and fast memory. No other diagnostic does as good a job. NTSC/PAL. Runs on all models, compatible with 1.2, 1.3, and 2.0 AmigaDOS. $34.95 plus $3 S & H. Users can receive free upgrades by calling support BBS.
Custom Services, P.O. Box 254, Moorestown, NJ 08055, (609) 654-7659

TURBO-Print-Professional
Gives you more from your printer. Combine your graphics software with TURBO-Print. Perfect printing quality and speed for your entire range of software. Finely adjustable color correction for true screen colors. Special half-line mode for dot matrix printers minimizes horizontal stripes between printed lines and takes full advantage of ink ribbons. Exceeds your printer's limits; print your graphics using post mode recreating actual poster size. Two optional smoothing functions eliminate steps and edges. Enhanced smoothing function even gives rounded effect to fonts. Varied preferences in over four menus. No more problems with contrast or brightness thanks to variable gamma curve and 12 optional patterns. Hardcopy functions with picture save option prints or saves the frontmost screen, including sections. Interrupt printing any time with touch of a button. High transfer speed to printer via parallel port reprogramming. TURBO-Print is reset-proof and functions unobtrusively in the background. Drivers for almost all printers. Ideal for matrix, laser, ink jet, and thermo printers in color or b/w. NTSC/PAL. English/French/German manual. Workbench 2.0 compatible. Australian dist. by GSOFT. $79.00
INOVAtronics, Inc., 8499 Greenville Ave., Ste. 209B, Dallas, TX 75231, (214) 340-4991

The Application Base System (T.A.B.S.)
Allows you to set up menus that directly access your programs or files. The item's command value contains the specific path, command, and arguments of the program. You can easily define each menu from the T.A.B.S. window or with a text editor. T.A.B.S. provides you with a very easy-to-use menu facility that requires no programming experience at all. Requires ARexx, 1MB RAM, two floppy drives or hard drive. AmigaDOS 1.3 or 2.0 compatible. $49.00
Software Plus, 5254 Merrick Road, Massapequa, NY 11758, (516) 795-1400

The Disk Mechanic
A collection of utilities for AmigaDOS versions 1.2, 1.3, and 2.0. The package includes tune up, a disk optimizer, which can speed up disk performance by 400%. Also included is a disk repair program, a full-featured disk sector editor, a hard disk back-up utility, and a dozen CLI based utilities. The disk mechanic supports all Amiga floppy and hard drives and the fast-filing system. Requires 512K RAM. $89.95
Lake Forest Logic, Inc., 28101 Ballard Road, Unit E, Lake Forest, IL 60045, (215) 337-8770

❖ *BACKING UP/COPYING* ❖

ALF-STREAMER-Software
SCSI streamer driver with ALF backup, undelete, hard disk optimizer. NTSC/PAL. English/German manual. Workbench 2.0 compatible. $45.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

DEEP SCAN BURST NIBBLER
Copy an entire disk in order under 60 seconds. Works with one to four drives. Copy up to 81 tracks. Easy to use, icon-driven program. Full verify option. $34.95
Rio Computers, 3310 Berwyck St., Las Vegas, NV 89121, (800) 782-9110

EZ-Backup
Save up to 255 versions of each file. Eliminates the need to do full backups each time the incremental back-up disks begin to pile up. Features optional warning screen, volume label-checking, standard format, and individual file recovery. Multitasking. And provides archive-bit utilities. Not copy-protected. Free upgrades and telephone support. $49.95
EZSoft, 21125 Chatsworth St., Chatsworth, CA 91311, (818) 341-8681

EnCopy
A diskcopy utility for making backups of Ensoniq keyboard disks using the Amiga computer. The Encopy package will back up SQ-80™, EPS™, and VFXsd™, and SD-1™ 3.5-inch floppys. Requires Workbench 2.0. $39.00
Bigfoot Software, 912 Karl Street, Green Bay, WI 54301-2225, (414) 435-4500

Express Copy 1.5
A hard disk backup utility which can copy directories and files to floppy disk at up to 1MB/min. Backup disks are standard DOS disks that can be used normally from both Workbench and CLI. Can fill a floppy disk with files from your hard disk in 45 seconds. Designed for effective multitasking. Backup parameters can be saved in configuration files. Fully documented with a 65-page manual which includes a 25-page section with help and ideas on how you can better organize and manage your hard disk drive. New for Version 1.5 is support for the AE high-density floppy drive, extensive ARexx support, and a CanDo application to take advantage of the new ARexx features. AmigaDOS 2.0 compatible. $49.95
Express-Way Software, Inc., P.O. Box 10290, Columbia, MO 65205-4005, (314) 474-2984

◆ MRBackup Professional V1.14
MRBackup Professional is a full-featured hard disk backup program supporting Fast Disk, SCSI Tape and AmigaDOS backup modes. Other features include: Intuition '3-D' user interface; data compression/decompression, file selection filters and interactive file selection; rich ARexx command set providing access to virtually all MRBackup features and supporting automated backups and restores; built in file management utilities; supports multiple savesets on a single tape as well as savesets that span multiple tapes; integrated AmigaGuide™ online help; compatible with AmigaDOS 1.3 through 3.0; demo disk available. $25.00
MRsoftware, 348 Indian Ave., Portsmouth, RI 02871, (401) 846-7639

Project D
Integrated disk utility system. Includes The Backup Tool, disk copier. Copies most protected disks with parameters updated regularly. The Omni Tool, a special format copier, duplicates MS-DOS/PC-DOS, Atari-ST, CP/M, and Xenix formatted disks. The Editor Tool, powerful disk-editing utility, allows you to edit Amiga disks from AmigaDOS to MFM Catalog Tool; disk indexing utility helps keep track of personal, commercial, and public domain disks. $49.95
Fuller Computer Systems, 950 East Southern Ave., #205, Mesa, AZ 85204, (602) 844-8709

Quarterback 5.0
Upgrades and enhancements to Quarterback are based on user requests. New features: integrated streaming tape backup, compression, new backup and restore options, optional password protection and encryption, Workbench 2.0 and full ARexx support. Improved features: increased performance, extremely fast floppy disk backup, new user interface with 3-D look, backup and restore up to four floppy drives, file selection versatility. Requires Kickstart 1.2 or later, and 512K memory. $75.00
Central Coast Software, Div of New Horizons Software,Inc, P.O. Box 164287, Austin, TX 78716, (512) 328-6650

SuperBack
Protect data stored on a hard disk, RAM disk, or network device. Select or copy any or all files or directories onto floppy disks. Data may be restored selectively by file, directory, or device. All features accessible from key commands or mouse. Clear screens and menus, concise manual, and in-depth tutorial with step-by-step back-up instructions. Australian users see Australian address in Vendor Information. $39.95
Disc Company, The , 11440 San Vicente Blvd, Ste 300, Los Angeles, CA 90049, (310) 207-1600

The Reaper
With standard ASCII text parameter files, the Reaper can find shifted sector headers, find transposed sector header fields, edit MFM/GCR raw track data, and edit decoded track data. It installs on a hard disk and is not disk protected. Execute custom programs from parameter files and assembly language. $39.95
Conceptually Advanced Technologies, P.O.Box 3302, Santa Monica, CA 90403, (310) 452-1732

Ultra DOS Utilities Module 1
A high-speed whole hard drive backup with multiformat feature. Ultra DOS autoconfigures to multi-hard drive systems or multipartitions. Features a unique double-buffered file copy routine for lightning-fast copies. Supports up to 8.5MB of memory and a full Intuition interface, and fully supports multitasking. Does not monopolize the CPU to achieve its speed. You can back up files by creation date, wild cards, or with a point and click menu. Requires 512K and hard drive or dual floppy drives. AmigaDOS 2.0 compatible. $19.95
Mainstream America, 1012 South Main Street, Taylor, PA 18517, (717) 562-0650

❖ *CRYPTOGRAPHY* ❖

LuCypher 1
Fast file encryption/decryption package with convenient Workbench interface for general file security and telecommunications security. Employs simulation of rotor-type crypto machine with 16-character key for high speed and solid cryptographic security. Upgradable to LuCypher 2. AmigaDOS 1.2-3.0 compatible. For sale in U.S. and Canada only. $5 shipping in North America only. $49.95
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

LuCypher 2
Complete RSA public key cryptographic system based on prime number product keys up to 300 digits long. Fast and efficient implementation for Amiga (assembly language). Ideal as key management upgrade for LuCypher 1. Includes LyCypher 1. For sale in U.S.A. and Canada only. State-of-the-art telecommunication and file security. AmigaDOS 1.2-3.0 compatible. $5 shipping in North America only. $199.95
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

❖ *DOS CONVERSION* ❖

64 Emulator 2
Optional interface cable lets you use any Commodore 64 disk drive or printer. $59.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

Ambassador
Improves file transfer capability for both the bridgeboard and the Amiga in a transparent fashion. It is based on the product CrossDOS (MS-DOS file system), and is 100% software. No additional hardware to buy or install. The Ambassador provides enhanced bridgeboard features: Directly access the Amiga-connected floppy drives as MS-DOS drives from within most MS-DOS programs. Receive speed increase when using our version of the PC virtual hard drive partitions. It provides enhanced Amiga features: Access MS-DOS formatted media on Amiga drives. Access bridgeboard-created virtual hard drive partitions (such as MakeAB and JLink files). CrossDOS owner upgrades are available. Requires A2088 or A2286 bridgeboard or sidecar. AmigaDOS 1.3 or 2.0. NTSC/PAL, international and Danish/Norwegian translation tables (for text) supported. $79.95
Consultron, 8959 Ridge Road, Plymouth, MI 48170, (313) 459-7271

CrossDOS Version 5
MS-DOS file system. The program allows the user to transparently access MS-DOS or Atari ST formatted disks from any application or utility including file requesters. CrossDOS fully integrates itself into the Amiga operating system. It will perform virtually all DOS functions on standard

Amiga hardware. It uses standard Amiga-connected 3.5-inch and 5.25-inch floppy drives to read and write 180K, 360K, and 720K MS-DOS/Atari ST disks. It will also access 1.44MB floppies with special drive hardware and will also access most MS-DOS formatted hard drives. CrossDOS includes utilities to format diskcopy, and check the integrity of MS-DOS disks. AmigaDOS 2.0 compatible. Packaged together with CrossPC in a product called CrossDOS 5.0 Plus for a limited time. $59.95
Consultron, 8959 Ridge Road, Plymouth, MI 48170, (313) 459-7271

❷ CrossPC
CrossPC is a software PC-XT emulator that runs many popular PC programs while multitasking with Amiga software. CrossPC emulates a PC-XT entirely in software—no additional hardware to buy. Emulates CGA or monochrome, and regards the parallel, serial, and mouse ports as PC devices. Runs on any Amiga with at least 1.5MB RAM using AmigaDOS 1.3 or 2.0. Also requires MS-DOS version 3.0 or higher. Packaged together with CrossDOS V5 in a product called CrossDOS 5.0 Plus for a limited time. $59.95
Consultron, 8959 Ridge Road, Plymouth, MI 48170, (313) 459-7271

DOS-2-DOS 3.5
Transfers files between MS-DOS, Atari, and the Amiga. Reads/writes and formats 5.25 and 3.5 MS-DOS disks and Atari ST 3.5 diskettes. Converts ASCII file line ending characters and provides Wordstar compatibility. Query/replace options provide duplicate file name detection. Supports full directory path names, with wild cards in the file names, allows selection of MS-DOS and AmigaDOS subdirectory, and displays sorted directory listing. $55.00
Central Coast Software, Div of New Horizons Software,Inc, P.O. Box 164287, Austin, TX 78716, (512) 328-6650

MAC-2-DOS 1.1
Lets you read and write Macintosh diskettes on your Amiga, to and from 400K and 800K, using a standard Mac-compatible 3.5 external disk drive connected to your Amiga via the CCS interface. Converts MacPaint files to and from IFF and Mac ASCII files to and from Amiga ASCII. Other conversion options are PostScript, Macbinary, and standard binary. As it transfers files, MAC-2-DOS automatically transfers and converts icons for the files, or creates icons. $99.95
Central Coast Software, Div of New Horizons Software,Inc, P.O. Box 164287, Austin, TX 78716, (512) 328-6650

❖ *FILE MANAGEMENT* ❖

DFL-Demand File Loader
With Demand File Loader, no need to pre-load the RAM disk. Only copies files into the RAM disk when the need arises. Senses the need by using the search path or is solicited directly. Transparent to AmigaDOS in that files in the RAM disk may be accessed through it. Useable by CLI and application programs that can be told where to access files. $50.00
Marketron Microcomputer Systems, 125 N. Allen Ave Ste. 324, Pasadena, CA 91106, (818) 584-0873

◆ Directory Opus BBS Disks 1 & 2
Optional add on files for use with Directory Opus: Disk 1 - archivers, virus checkers, etc. Disk 2 - collection of Jonathan Potter's PD utilities. $6.00
INOVAtronics, Inc., 8499 Greenville Ave., Ste. 209B, Dallas, TX 75231, (214) 340-4991

❷ Directory Opus v4.11
Already the best-selling directory management utility for the Amiga, Directory Opus offers a conveinient alternative to the Amiga CLI and Workbench for such tasks as copying and deleting files, formatting disks and so forth. In addition, Directory Opus can perform many functions simply by double-clicking on a filename in a directory window: showing pictures, running anims, playing sounds, launching executables, and more. With unlimited buttons able to perform any function possible via Opus, AmigaDOS, Workbench or ARexx. Opus can be taught to recognize and act upon any file created by any Amiga software package. The newest version lets you monitor the progress of file operations, view SHAM images and supports ANIM7 and ANIM8 formats. $99.95
INOVAtronics, Inc., 8499 Greenville Ave., Ste. 209B, Dallas, TX 75231, (214) 340-4991

❷ Hard Disk Organizer (HDO)
This new menu program for the Amiga allows applications and games to run with a single click of the mouse. Each button can be programmed with up to eight AmigaDOS commands, so you can include the ASSIGN, SET, and CHANGE DIRECTORY commands necessary to run applications. Each button can also be assigned one of 10 different colors, allowing grouping of applications. Features include an unlimited number of buttons, AmigaDOS command compatibility, Pause command (which allows multi-tasking programs to run before returning to HDO), Swap command (which allows button positions to be swapped to better organize applications), and Release 2-compatibility. New version 3.03 features include password protection, sleep command, user configuration menu, advanced users manual, and PAL compatibility. $44.95
Display Systems International Inc., 147 West Main Street, Dayton, PA 16222, (814) 257-8210 USA

◆ MultiVol
MultiVol splits one big file across two or more disks (diskettes or hard drives), allowing easy exchange of big files with other people or more efficient use of hard disk space. Joining the split file does not require MultiVol (Base version only). Any program can use MultiVol without modification. The Network version splits or joins the file across disks residing on different networked Amigas. Base: $40. Network: $100 (3 Amiga license).
AugmenTek, 3606 S. 180th St. #C-22, Seatac, WA 98188, (206) 246-6077

Quarterback Tools 1.5
Quarterback Tools maximizes the speed and reliability of your Amiga hard disks and floppy disks by repositioning your files to optimum locations on the disk, eliminating file fragmentation, and consolidating disk free space, achieving the fastest possible disk performance. Quarterback Tools recovers deleted files easily and safely and unformats disks you formatted by mistake. It searches the entire disk for errors, marks bad areas 'out of service,' and identifies affected files. $89.95
Central Coast Software, Div of New Horizons Software,Inc, P.O. Box 164287, Austin, TX 78716, (512) 328-6650

◆ SYScat
Are you tired of looking through boxes of disks to find a file you made some time back, only to find empty disks, copies of copies, and everything but what you need? SYScat will put an end to this once and for all! Now if you need a file, say 'DCTVfont' in SYScat we type in 'DCTVfont' and SYScat's path operator will tell us where that disk can be found. You can also enter a wild card like 'fonts' and SYScat will list where all of your fonts are located in any selected SYScat catalog library. SYScat will also catalog the partitions in your hard drives, removable media and PC disks (via crossDOS) allowing quick reference to any file in your system. We ship postage paid on all pre-paid orders. Calif. residents add 7.75% sales tax. $39.95
Earthquake Productions & Publishing, 13351 Foothill Boulevard, Fontana, CA 92335, (714) 899-1800

❖ *VIRUS PROTECTION* ❖

❷ Anti-Virus
Anti-Virus is a virus protection software package with a unique feature that should stop the proliferation of any Amiga computer virus—a visual anti-virus bootblock. The visual bootblock displays the Anti-Virus logo on the screen every time an Amiga is turned on or warm booted. If a virus is present when the computer is started, the logo will not appear. Comes with a utility, vCheck, that monitors virus transmission paths. The utility is placed in the Amiga startup-sequence and monitors each disk placed in the user's Amiga. Also comes with vTrojan, the only Trojan horse protection utility available, and ships with a bootblock cataloging program. AmigaDOS 2.0 compatible. $19.95
DevWare Video, 12520 Kirkham Court, Ste. 1-AC, Poway, CA 92064, (619) 679-2826

KDVersion 2.04 1.15
This virus killer is useful for busy people. The check routine searches out both boot and non-boot viruses, and runs like lightning. Has good analysis routine which finds several unknown viruses. Recognises 60-100 viruses. Includes following good-quality tools: Hard disk virus brake to effectively prevent viruses from infecting your hard disk, background check to continually survey stored media such as changed disks,RAM, etc.,and hard disk check for non-boot viruses. £12.50, shipping £3.
TUPsoft c/o Mike Hansel, P.O. Box 1785, Seven Hills West, NSW 2147, Australia, 011-61-2674-2723

Master Virus Killer Version 2.2
Latest version of this virus killer (2.2) knows 152 viruses. All versions (1.0-2.2 and later) are shareware in U.S.A. and all countries except France, United Kingdom, and Germany for V2.2. Shareware price £5, shipping £3.
Xavier Leclercq, Vieux Chemin d'Ath No. 12, OB-7548 Warchin, , Belgium

◆ The New Superkillers V1
The New Superkillers v1 knows over 350 Amiga viruses. It is a collection of latest public domain antiviaral software products for the Amiga computer. Includes Virus Checker, VirusZ, SnapShot, Find 'Em All, and more. Updated monthly. Full worldwide support. Send SASE for more info. $5.00
Safe Hex International, P.O. box 724, Port Richey, FL 34673-0724, (813) 847-6586

◆ The New Superkillers V2
The New Superkillers v2 knows over 300 Amiga viruses. Currently contains BootX version 5 and Virus Interceptor. Both are public domain antiviral software products. Updated frequently. Full worldwide support. Send SASE for more information. $5.00
Safe Hex International, P.O. box 724, Port Richey, FL 34673-0724, (813) 847-6586

Zero Virus III Version 1.12
This virus killer can cope with about 86 boot viruses and 4 non-boot viruses. Has learning function which enables it to learn new boot viruses. Has hard disk check against non-boot viruses, but without learning function. An excellent killer. Shareware price more than £50, shipping £3.
Jonathan Potter, P.O. Box 289, Goodwood SA 5034, Australia

❖ *SCREENSAVERS* ❖

❷ NightFX™ Screensaver
Multimodule screensaver gives Amiga users a number of different animations, unique nonrepeating color cycling effects, moving starfields, and moving kaleidoscopes that pop up if computer is idle for some specified time. Also provides users with open architecture so they can import their own screen effects and IFF graphics. Set up your own parameters for different effects included with program, set activation time and enjoy. Includes password for securing computer when NightFX are on. AmigaDos 1.3/2.0 compatible. Hard drive installable.
Pacific Digital FX, 6 Stetson Ave, Kentfield, CA 94904, (800) 800-2448

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Entertainment

❖ ENTERTAINMENT GENERAL ❖

1990 College League Season Disk
Be the team of your choice as you compete in last season's NCAA Tournament. It comes complete with the actual teams, players, and statistics from the 1990 college basketball season. You must already own the College League Option Module for this disk to operate properly. $14.95
SportTime Computer Software, 3941-E So. Bristol St. Ste. 551, Santa Ana, CA 92704, (714) 966-0207

3 In 1 Football
Statistical simulation of College and Pro football. Includes over 300 College, Pro, and great past teams. $39.99
Data Innovations Inc., 127 N. Front St., Rising Sun, IN 47040, (812) 438-3733

3-D Pool
3-D Pool is different from other billiards simulations. One difference is that no cue stick is shown on screen. Instead of lining the stick up to the ball and shooting, with perhaps one or two angles from which to examine the shoot, 3-D Pool does away with the cue stick. Player can rotate the table, providing unlimited angles of view for any shot. Cue ball is always in center of screen, and shots are made by lining up the object ball(s) with the cue ball. Players have complete control over position of the cue, amount and type of English on the cue ball, and the power behind each shot. 3-D Pool follows Monte Carlo, or European rules, instead of standard American regulations. Players in 3-D Pool can participate in practice games, two-player matches where they can take on a friend, or even in a tournament against computer players of varying skill levels. 3-D Pool also includes demo game and special trick shot feature, where players can try to solve 20 of the most difficult and popular trick shots in billiards. $34.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

4-D Boxing with Tru-Motion
Designed by Distinctive Software Inc.,4-D Boxing uses actual human boxing motions, 3-D polygon graphics, and state-of-the-art animation to bring you fluid, lifelike, boxing movements. Create up to ten personalized boxers. Customize their skills and physical characteristics, and train them at your gym to build power, speed, and stamina as you fight your way up the championship ladder for headlines and prize money. For one or two players. Nine adjustable camera angles give every possible fighter or spectator view. Video replay and slow motion for review of action. Supports Amiga 500,1000,2000,2500,3000:1MB req'd;Kickstart 1.2 or more req'd;joystick optional. $49.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

4th & Inches
Joystick-controlled football simulation with spotter's P.O.V. from the press box. Players' energy levels decrease according to plays. You choose the starters. Each player has his own individual playing characteristics. $19.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

4th & Inches Team Construction Disk
Used with 4th & Inches, assemble your own teams for play. Assign all the stats, sizes, and playing characteristics of each of your 4th & Inches players. $9.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

500cc Racebike Simulation
Rev up and roar off with this screaming simulation of 500cc road racing machines. This simulation offers full 3-D graphics with separated split screen perspective, sprite trajectory calculation, and speeds in excess of 200 m.p.h. This is the real thing; you will be on the track, you will have to race your opponents, and you better be good! Test the nerves of another player, or challenge the six computer-controlled bikes across a choice of 12 genuine Grand Prix racetracks. Choose your bike and tune it up to perfection by modifying transmission, suspension, and tires. $49.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

688 Attack Sub
Players experience the actual dilemmas faced by modern submarine commanders. In peacetime, players hunt and dodge foreign subs while trying to avoid ambiguous gestures that could lead to a shooting match with an opponent. You walk the razor's edge between practicing for war and actually starting one! As cold war turns into full war, missions become increasingly dangerous. Players stalk ballistic missile submarines, attack enemy convoys, and duel other hunter-killers to the death. $49.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

A-10 Tank Killer Version 1.5
Captures the fierce battles of the Persian Gulf war. Lets you maneuver the enormous A-10 aircraft over ground battles inside the Iraqi border. New realistic flight modeling, authentic sound effects, and action-packed stereo soundtrack. Includes the 14 original A-10 missions and detailed A-10 information to help pilots navigate. This is first Amiga flight simulator that can fly in any of seven user-selectable video configurations, including 32-color and Extra Half Brite modes. Impressive 4096-color HAM screens and light-source-shaded polygons used. Analog joystick support. Requires 1MB, hard disk or dual floppy drives, Kickstart and Workbench 1.2 or higher. Recommend 16 MHz or faster CPU, fast RAM. $59.95
Dynamix, division of Sierra On-Line, 99 W.10th, Ste. 337, Eugene, OR 97401, (503) 343-0772

A-Train
Simulation game based on trains, cities, and money. Start by designing and managing an efficient, profitable transportation system for both passengers and freight. Next, influence and control the growth of a city by investing in and building, apartments, factories, golf courses, more. Then, borrow from the bank to expand your real estate holdings, and invest in the stock market to build a financial empire. 1MB, hard drive recommended. $69.95
Maxis, Two Theatre Square Ste. 230, Orinda, CA 94563-3041, (510) 254-9700

Abyss
An unusual arcade/strategy game with colorful, scrolling graphics, and amusing sound effects. Score points by guiding the 'hustle-sweeties' into the abyss and locating the life-giving liquids. Work through mazes, avoid traps, and hostile attacks. Requires 1MB of memory. $39.95
Mainstream America, 1012 South Main Street, Taylor, PA 18517, (717) 562-0650

Action Fighter
You are Super Rider, assigned to carry out five dangerous air and ground battles in this Sega arcade game. You're riding a motorcycle, but if you find the right parts along the road it transforms into a supercharged sports car or state-of-the-art airplane. $39.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Action Stations
An extensive and detailed look at the surface officer's art of war at sea from 1922-1945. The program offers 30 ready scenarios, a scenario builder, and 180 plus ship/unit classes. Ship detail includes 42 hit zones and 14 armor locations. As many as 49 ships in one scenario. Requires 1MB. Only available directly from R.A.W. Entertainment. $29.95
R.A.W. Entertainment , 957 NASA Road One, Ste. 146, Houston, TX 77058-3098, (713) 286-2386

Action Stations Scenario/Utility Disk
To be used in conjunction with Action Stations; includes two utilities (swap-add program and generate program), 28 additional ship classes, and 13 new scenarios. Includes 3.2 upgrade disk. Only available directly from R.A.W. Entertainment. $14.95
R.A.W. Entertainment , 957 NASA Road One, Ste. 146, Houston, TX 77058-3098, (713) 286-2386

Adventures of Willy Beamish
From designer Jeff Tunnell comes an original adventure comedy which may well become the benchmark of computer animaton. Adventures of Willy Beamish boasts hilarious insight and lighthearted 3-D animation with a sensational music card compatible soundtrack. Adults and kids will love Willy's zany antics, his peculiar family, and the host of geeks, freaks, animals, and creeps. $59.95
Dynamix, division of Sierra On-Line, 99 W.10th, Ste. 337, Eugene, OR 97401, (503) 343-0772

After Burner by Sega
Pilot an F-14 Tom Cat through a variety of exciting rescue missions in the home-computer version of Sega's arcade smash hit. Feel the power and the rush of being airborne as you control air speed, flight direction, and weapon selection. $49.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Agony
From the programmers of Unreal comes a new adventure full of magic, mystery, and mayhem. As Leffly, heir to the secret of universal energy, you will fight your way through six agonizing levels of magical mayhem. Confront your chilling challenges in human form, take flight as an arcane owl, or battle your enemies in the form of a gruesome ghost. $19.99
Psygnosis Limited, 675 Massachusetts Ave., Cambridge, MA 02139, (617) 497-5457

◆ Air Bucks 1.2
Air Bucks is your chance to build your own worldwide airline empire! You'll begin with $100,000 and a DC-3 in 1946, at the start of the air travel boom. Decide which places to fly to, where to use a hub, when to buy new planes and which ones to buy. Negotioate for landing rights, and run both scheduled and chartered flights carrying your choice of passengers and cargo. $59.95
Impressions Software, 222 Third Street, Suite 0234, Cambridge, MA 02142, (617) 225-0500

Air Force Commander
Command an entire air war in this complex military simulation. Control dozens of planes in real time. 28 Middle East scenarios, easy-to-use interface, and digitized sound. 1MB, one disk drive, system version 1.2 or higher. International support. $59.95
Impressions Software, 222 Third Street, Suite 0234, Cambridge, MA 02142, (617) 225-0500

Air Support
Future warfare has become too dangerous and threatens mankind's survival. Conflicts between world powers are now resolved by computer simulation. You create a campaign with up to 16 different vehicles. Survey the battlefield using real time overview maps, formulate defenses for various terrains and resources, and deploy your force of battle vehicles. Jump into first person perspective of your deployed vehicles or instruct battle simulation computer to execute your programmed battle plans. Has software system for using 3-D glasses. Requires 512K and joystick, Kickstart 1.2 or higher. $19.99
Psygnosis Limited, 675 Massachusetts Ave., Cambridge, MA 02139, (617) 497-5457

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Entertainment

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Last Minute Additions

Alien Syndrome by Sega
Aliens have taken over an out-colony and are holding your friends hostage. In this Sega arcade game, you'd better move fast—because soon a time bomb will get all of you. $39.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Altered Destiny
P.J. Barrett's intentions to spend the evening watching a film festival on television with his steady girlfriend are drastically changed. The moment he settles down with his popcorn in front of his television set, he is literally sucked through the screen, popcorn included, into a fantastical alternate world unlike any he could have ever imagined. In this other world P.J. meets JonQuah, who sends him on a mission to find Helmar, JonQuah's twin brother. Helmar has been corrupted by a jewel whose powers are destructive and are slowly destroying their universe. P.J. must search this strange world to find Helmar, ultimately separating him from the jewel and returning it to it's rightful place. If P.J. fails, this world will not only cease to exist, but he will be unable to return to his own. $59.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Amazing Spider-Man
Mysterio, the master criminal and illusionist, has kidnapped Peter Parker's wife, Mary Jane. To rescue her, Peter Parker calls on his alter ego, the Amazing Spider Man. As the famous web-slinger, you'll invade Mysterio's lair to battle the super-villain's robotic guards, tricks, and traps. $39.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

Amegas
Amegas is a fast-paced game written to take full advantage of the Amiga's amazing speed, graphics, and sound! Bounce, shoot, slam, and juggle your way through 40 challenging screens. Every screen has its own surprises and it will take quick reflexes to deal with all the action, sounds, and sights! $14.95
DigiTek Software, 1916 Twisting Lane, Wesley Chapel, FL 33543, (813) 973-7733

Amnios
Amnios is a Symbiotic Construct of Machine-Mind and Biology. Each element is a disparate cell in an organism sharing one consciousness and purpose: to eradicate the malignancy that threatens all of Life. Controlling a tiny ship, you fight your way through each of ten deadly living worlds trying to either destroy the planet's vital organs or rescue a given number of encapsulated humanoids. $19.99
Psygnosis Limited, 675 Massachusetts Ave., Cambridge, MA 02139, (617) 497-5457

Apprentice
Jump 'n Run Adventure! Lots of levels, including hidden levels and rooms, which can only be entered after solving different puzzles. $29.95
Innerprise Software, Inc. , 1818 Potspring Road #30, Timonium, MD 21093, (410) 560-2434

Aquaventura
Aliens take over Earth and destroy your mother ship. As the only surviving human, you return in your Aquacraft to relentlessly attack the evil Sprucian invaders. Battle your way through all their defenses until you reach their Enemy Weapons Depot. Ray traced action movie introduction, 10 increasingly deadly levels of non-stop action with 3-D sprites, real-time vector graphics, and digital stereo sound. Requires 512K and joystick, Kickstart 1.3 and higher. $19.99
Psygnosis Limited, 675 Massachusetts Ave., Cambridge, MA 02139, (617) 497-5457

Arachnophobia
Disney has combined arcade action and strategy games in one exciting outing with Arachnophobia. Playing off people's fear and dread of spiders, you can wipe out a hoard of highly venomous South American spiders using flamethrowers, bug-bombs, and insecticide. If you are able to outwit these dangerous fiends, you'll earn a top secret assignment in South America where you will face the ultimate eight-legged challenge. Arachnophobia takes you through thousands of locations in your search for these eight-legged demons. Eight levels of increasing difficulty and 12 different varieties of spiders will challenge even the best game players. $39.95
Walt Disney Computer Software, Inc., 500 S. Buena Vista Street, Burbank, CA 91521, (818) 973-4390 sales

Arthur: The Quest for Excalibur
In Arthur: The Quest for Excaliber, players get the chance to fulfill their destiny as they assume the role of the youthful Arthur on a quest for Excaliber, the legendary sword that will make him King of England. Arthur brings Arthurian legend to life with rich, evocative prose, mythic characters, and more than 100 captivating graphics evoking medieval England. As an eel, owl, salamander, turtle, or badger, players can go places and do things that would otherwise be impossible. How players use this power, and how they solve the myriad puzzles that confront them, will determine the success of their quest. $29.95
Infocom, Division of Activision, 11440 San Vicente Blvd., Ste 300, Los Angeles, CA 90049, (310) 207-4500

Artura by Arcadia
Arcade adventure in days of old! As Artura, you must maneuver the mystical wheel of Cerridowen to rescue Nimue, the beautiful keeper of the secret of the lost ancient treasures, from the stronghold of the evil half-sister, Morgause. Overcome ghouls, spiders, soldiers, and giant rats to find the mystic rune stones which will help your quest. $39.99
Virgin Games, Inc., 18061 Fitch Ave., Irvine, CA 92714, (714) 833-8710

Assassin
Foul and disgusting Midan, tyrant of the highest order, lies hidden deep within his underground complex. The security forces have lowered you, the Assassin, deep behind enemy lines to find the source of Midan's strength and destroy it. Face overwhelming odds that include Midan's loyal forces, vicious dogs, rogue machines, traps, and more on the mission of a lifetime!
Team 17 Software, Prospect House, Borough Road, Wakefield, W. Yorkshire WF1 3AB, England, 011-44-924-291-867

Atomino
A brain-teasing game, featuring an orchestrated stereo soundtrack, and offering crisp graphics and intuitive gameplay. In this innovative hybrid between dominoes and an electronic brain-teaser, you play the role of a mad chemist. Your objective is to form molecules from the atoms which spontaneously generate in your test tube. However, the road to this deceptively simple goal is littered with increasingly difficult restrictions, including specifications on the finished molecule's size, the shape of your creations, and the omnipresent ticking of the clock. Over 60,000 levels. $19.99
Psygnosis Limited, 675 Massachusetts Ave., Cambridge, MA 02139, (617) 497-5457

Aussie Joker Poker by Joker Software International
A computerized card game where the computer acts as dealer and croupier, while up to 90 players compete against one another. Purchasers who believe they are among the top 25 poker players are able to play in a special competition mode and may enter their scores for consideration in an Aussie Joker Poker Hall of Fame. $14.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Autoduel
Build the biggest, baddest, heaviest armed car you can to carry out an FBI mission. An adaptation of Car Wars, the package includes one disk, a road map, driver's handbook, and a tool kit. $39.95
Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Awesome Arcade Action Pack
Three great arcade games: Sidewinder, Captain Zod, and Blasta Ball. In Sidewinder, you'll pilot a spaceship through 3-D scrolling screens to kill the alien Star Killer. Captain Zod leads you through 14 levels of attack from vicious Xenon aliens. Blasta Ball is 37th century ice hockey. $49.99
Virgin Games, Inc., 18061 Fitch Ave., Irvine, CA 92714, (714) 833-8710

◆ **B-29 Pacific Theater of Operation**
A B-29 simulation with over 10 man years of research, including interviews with combat veterans. Features include: mission duration, enemy activity, bombing results, fuel consumption, accurate representation of all 11 crew stations, all controls realistically simulated, fly historical or ficticious missions. Complete and adjustable databases for:personnel, aircraft, bases, wings, groups, squadrons—with much more! Only available directly from R.A.W. Entertainment. $39.95
R.A.W. Entertainment , 957 NASA Road One, Ste. 146, Houston, TX 77058-3098, (713) 286-2386

B.A.T. (Bureau of Astral Troubleshooters)
A new case has to be solved by the B.A.T. agents. Vrangor, an evil genius, together with his accomplice Merigo, are threatening the people of Selenia. Unless they leave the planet, Vrangor will destroy them with bacterial warheads. You have been selected to destroy his plans by eliminating him and restoring peace to the Universe. Explore over 1100 different fascinating locations and meet characters from seven different species. Learn how to utilize B.O.B., the computer implanted in your arm; pilot the DRAG, a genuine flight simulator, across the arid desert; and enjoy the futuristic atmosphere provided by outstanding graphics and sound effects. Distributed by Electronic Arts. $49.95
UBI Soft, 1505 Bridgeway, Ste 105, Sausalito, CA 94965, (415) 332-8749

BASICFootball
A football game that features classic music, speech synthesis, and amazing animation all done in AmigaBASIC. BASICFooTball lets you select your offensive and defensive coordinators. Keep track of turnovers, special teams, running and passing statistics so you can make those crucial halftime adjustments. BASICFootball is two games in one: you can play against a friend in the two player version, or play against a computer programmed to attack any opponent with a relentless offensive and defensive strategy. BASICFootball's program code is available for learning every phase of BASIC programming. $9.95
Mahoney Software Products, 897 Charlotte Dr, Newport News, VA 23601-1068, (804) 591-9330

Back to the Future II
Combines five adventures–three arcade action arenas plus two logic puzzle levels–that challenge your intellect as well as your reflexes. In order to survive Biff and the boys, Marty needs to grab as many weapons and energy boosters as possible. Marty and Doc venture through famous scenes from the hit movie like the Hill Valley Hoverboard fiasco and the Enchantment Under The Sea dance. Travel through time, via your Delorean, to 1955, 1985, and 2015. Encounter all your favorite characters including Doc, Jennifer, Biff, and Griff. $19.95
Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Back to the Future III
Back to the Future III offers progressively difficult action set in the Old West. Each level is inspired by famous scenes from the movie—so you may have the edge if you've seen it. As players assume the roles of Marty McFly and Doc Brown at various stages of the game, it's up to them to return everyone safely to their own time. But Buford 'Mad Dog' Tannen isn't going to make it easy. Gamers encounter a buckboard chase, shooting gallery, pie throwers, and a harrowing train chase. Players assume the role of Marty and must balance their way along the top of a speeding train collecting speed logs and avoiding Buford's gang. $19.95
Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Balance of Power
Takes all the features of the original award-winning game and adds numerous enhancements to reflect the current amplified state of world affairs. Be a superpower leader in this nuclear-age strategic simulation pitting the U.S. against the U.S.S.R. $39.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Balance of Power: The 1990 Edition
Experience firsthand the pressures and challenges of global leadership in the updated and expanded version of Chris Crawford's award-winning geopolitical simulation. In the U.S.A. or as the general secretary of the U.S.S.R., strike the right balance between forcefulness and cooperation, and you accumulate world prestige—without creating

nuclear holocaust. $49.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Bandit Kings of Ancient China
Bandit Kings takes place at the turn of the 12th Century. It is based on an ancient Chinese legend similar to that of Robin Hood. Good men have been cast out of the Empire by the evil Minister of War, Gao Qiu, and fled to the countryside. Their goal is to gain strength to right the wrongs that occurred and restore the glory of the Song Empire. It is a combination of role playing game, war game, and management game. The final enemy is Gao Qiu, the evil Minister of War. If you can destroy him, you have destroyed the evil force corrupting society and the game is over. But beware...it is not as easy as it sounds. $59.95
Koei Corporation, 1 Bay Plaza, Ste. 540, 1350 Bayshore Highway, Burlingame, CA 94010, (415) 348-0200

❷ Bane of the Cosmic Forge
The truest simulation of FRP. From its novel-like plot to its calculated die rolls, Bane of the Cosmic Forge offers uncompromising variety: 11 races, 14 professions, weaponry, physical and academic skills, a researched armament 400 items strong, six spellbooks, and 462 spell combinations. Full-screen animated graphics and digitized sound intensify the gaming experience. Requires 1MB, disk drive. Hard drive installable. (Marketed by US Gold in UK.) AmigaDOS 2.0 compatible. $59.95
Sir-Tech Software Inc, P.O. Box 245, Ogdensburg Business Center, Ste. 2E, Ogdensburg, NY 13669, (315) 393-6633

Barbarian II
Barbarian II brings Hegor the Barbarian into the '90s. Hegor must fight his way through the dark forest near the village of Thelston. Then he has to proceed through the barbaric landscape dodging deadly traps and dealing with dastardly enemies before entering the final conflict with Necron, deep within the evil Temple sanctuary. Your mission is to find and destroy Necron before he completely destroys the land and overruns the human race. $19.99
Psygnosis Limited, 675 Massachusetts Ave., Cambridge, MA 02139, (617) 497-5457

Basketball-The Pro Game
Statistical simulation of Pro basketball. Includes a stats compiler and over 100 teams. $39.99
Data Innovations Inc., 127 N. Front St., Rising Sun, IN 47040, (812) 438-3733

Battle Chess
Animated chess pieces fight over the squares. Pieces represent medieval figures. Colorful animation and digitized sound can be toggled on/off. Strong chess algorithm for those who want to concentrate on the game. See CDTV section also. $49.95
Interplay Productions, 3710 Susan #100, Santa Ana, CA 92714, (714) 553-6655

Battle Chess II: Chinese Chess
Cannons thunder, chariots race over grassy fields, and dragons hurl fireballs at opposing forces in the latest animated strategy game from Interplay. Watch as dragons toast hapless knights, counselors flatten pawns with enormous mallets hidden in their robes, and cannons merrily blast away at opponents cowering behind other pieces. Recommends best move, and shows legal moves. Multiple difficulty levels, 2-D and 3-D viewing modes. Price TBA.
Interplay Productions, 3710 Susan #100, Santa Ana, CA 92714, (714) 553-6655

Battle Command
An arcade strategy game where the North/South divide is a life-threatening issue–the Ultra War. Ten years on, the latest phase of this siege has culminated in a World War I situation arising, and a stand-off between armies massed over a long dug-in battle front. You must succeed where other elite troops have failed, and strike a blow for freedom against the oppressive Southern Forces. Brains and priceless military hardware are your only protection. Over 15 missions, four Weapon Pods to stockpile with lethal devises, and a detailed manual included. Kickstart 1.2,1.3. $19.95
Ocean of America, 1855 O'Toole Ave, Ste D-102, San Jose, CA 95131, (408) 954-0201

Battle Isle
In a world essentially composed of islands, you are Chief of State and have complete control over the armed forces. Your goal is to attack the islands and capture the most terrain possible. To carry out your mission, you have at your disposal a port, an arsenal, an airport, train stations, factories, an army, a navy, and an air force. Each one of these forces is mobile and can accomplish the strategies of your creation. Careful, you must take into consideration the variables of the terrain: coral reefs, the height of the mountains, etc. While defending your strategic points and energy supplies, transport units and repair warehouses; demolish those of your enemy and render him helpless. Show no mercy! The time for confrontation has arrived! $49.95
UBI Soft, 1505 Bridgeway, Ste 105, Sausalito, CA 94965, (415) 332-8749

Battle Squadron
One- and two-player modes, vertical and horizontal scrolling, and chameleon enemies who become almost invisible as they mimic the background terrain. Battle Squadron delivers a unique, 3-D futuristic gaming experience. Earth forces in 2400 A.D. have traveled through space to retaliate against a devastating Barrax Empire attack. You're in command of an Earth space cruiser, dodging and darting across alien terrain, facing dozens of whirling air enemies, and challenging intense fire from ground emplacements. $39.95
Innerprise Software, Inc. , 1818 Potspring Road #30, Timonium, MD 21093, (410) 560-2434

BattleTech: The Crescent Hawk's Inception
Authentic BattleTech combat is yours to command. Exciting, animated role-playing action. All new, richly detailed story set in the world of the Successor States. Emotive outtakes in the Japanese-comics style increase the realism. Plan your own battle tactics, or let the computer determine strategies for you. Your Battletech package contains the game disk, Player's Guide, Weapon and 'Mech Recognition Guide, and full-color poster. $29.95
Infocom, Division of Activision, 11440 San Vicente Blvd., Ste 300, Los Angeles, CA 90049, (310) 207-4500

Battlehawks 1942™
The blood-red Rising Sun on the tan flight deck of the Akagi rushes toward your windscreen as your SBD-3 Dauntless dives through the flak–3,000 feet! 2,000 feet! Bombs away! In Battlehawks 1942™, you'll fly historically accurate missions in realistic U.S. and Japanese fighters, dive bombers, and torpedo planes in four carrier battles of the Pacific war. True-to-life flight dynamics and instant replays make this a thriller. $49.95
Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

Battlestorm
The ultimate shoot 'em up. There is currently a state of emergency on all frontier worlds. The Kalomarian enemies led by their state-of-the-art vessels, the starships Battlestorm, are taking over the galaxy. Destroy squadrons to retrieve the vital Shield pods, annihilate mother ships to acquire Equipment pods. All of these will protect you against the enemy's powerful attacks and provide you with more sophisticated weaponry. You'll need all the help you can get if you are going to destroy the Battlestorms and launch your final attack on their headquarters. $49.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Beast III: Out of the Shadow
Follow-up to Shadow of the Beast II. The Warrior Messenger's reward for defeating the evil Zelek was the return of his human physique. But celebration must be put aside until evil is banished from the land once and for all. Now that Zelek is no longer a threat, our hero faces his ultimate challenge against Maletoth—The Beast Lord. Four massive levels, many intricate puzzles, mulitplexed hardware sprites, powerful music. $59.99
Psygnosis Limited, 675 Massachusetts Ave., Cambridge, MA 02139, (617) 497-5457

Beyond 2400 A.D.
Step into the blistering action and strategy of futuristic urban combat in this space age, role-playing adventure game. As a new arrival on the planet XK-120, you are chosen by the beleaguered underground resistance to lead the revolution against sinister robot oppressors and restore freedom to the city of Metropolis. Smooth-scrolling, state of the art graphics with a slightly tilted, top-down perspective. Provides a large, detailed city with nine levels and a huge underground passageway system. $29.95
Origin Systems, Inc.;, P.O. Box 161750, *Austin, TX 78716, (512) 328-5490*

Beyond Dark Castle
Return with Prince Duncan as he ventures on a mission to conquer his mortal enemy, the Black Knight. Players find themselves back in the dreary, damp castle and they must combine their best strategic tactics with quick action in an all-out adventure. A sequel to Dark Castle, this title features third-person perspective where players are continually challenged with animated creatures and seemingly inescapable castle rooms. $29.95
Infocom, Division of Activision, 11440 San Vicente Blvd., Ste 300, Los Angeles, CA 90049, (310) 207-4500

Bible Words
Bible Words is an educational version of Hangman. At the conclusion of a successful or unsuccessful guess, the definition of the Biblical word and its relevance to the Bible is given. Over 500-word database. For A500, Workbench 1.3, single drive. $9.95
Mahoney Software Products, 897 Charlotte Dr, Newport News, VA 23601-1068, (804) 591-9330

Big Business
Big Business is a humorous, wacky simulation of a large manufacturing corporation. Three players, each starting off with equal assets and marketing the same product, compete to acquire the greatest net worth by the end of the game. While some aspects of the game are strictly for entertainment, the core of the program is a very accurate economic model. Options: total of three players can compete; loading and saving of game status; print capabilities, etc. $49.95
DigiTek Software, 1916 Twisting Lane, Wesley Chapel, FL 33543, (813) 973-7733

Bill Elliott's NASCAR Challenge
Choose from six official banked NASCAR tracks of Daytona, Atlanta, Bristol, Darlington, Michigan, and Talladega, or the twisting road courses of Sears Point and Watkins Glen. Then prepare to race using track condition information to adapt your stock car by adjusting engine type, tire stagger, spoiler angle, and gear ratio. Players can review their driving skills with a VCR instant-replay mode which allows players to record their action (crashes and all) from six different camera positions and play it back. Authentic racing features include a dash board with damage warning light, tach, fuel, oil, and temperature gauges. A leader board shows your best and current lap times, number of laps raced, your position, and how far you are behind the leader. $49.95
Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

◆❷ Bill's Tomato Game
What a pair of tomatos, Terry and Tracy are two of the hottest tomatos in the patch. Freshly picked and off to be canned they escape to pursue their dream of marriage and little cherry tomatos. But as luck would have it, an evil squirrel has foiled their plan, capturing Tracy and stashing her high atop his vine-top home. Can love conquer all? It's up to you and Terry to save the fair Tracy, solve challenging puzzles and brave the many dangers that lie ahead. $19.99
Psygnosis Limited, 675 Massachusetts Ave., Cambridge, MA 02139, (617) 497-5457

Bingo Parlor
Talking bingo game for one to 10 players. Menu choice of game, speed, voice. With 320 x 200 resolution. $19.95
Silver Software, 1922 Purchase Brook Road, Southbury, CT 06488, (203) 264-2583

Birds of Prey
By Argonaut Software. NATO and Soviet forces in an all-out war campaign. Armed with 40 front line aircraft, your mission is to devastate the enemy's land, sea, and air forces while protecting your own. But your enemy is unpredictable and constantly on the move, repairing and replenishing

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his forces, and carefully planning the next attack. Accurate flight dynamics and weaponry let you experience every aspect of modern air combat. Play 12 individual scenarios or an ongoing war campaign of integrated missions. Choose from NATO or Soviet forces; view the action from allied or enemy aircraft at any time. $49.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Black Crypt
Long ago, four guardians wielded their mystic weapons and powers to vanish the dark lord, Estoroth, from the known world. In sealing his fate, they sealed their own as well. The guardians and their mystical artifacts were lost forever, but the world was safe. As time passed, evil began to spread and hideous monsters from the past returned—the people knew Estoroth was near. As you enter into this world, you wil lead a brave band of adventurers on a quest to retrieve the mystical artifacts—they may hold the power of the Guardians and the last hope for the world. The Black Crypt is a fully animated dungeon adventure with a unique twist to Point-of-View perspectives. Watch through your characters eyes as you explore both the wilderness above and the dungeons below. $49.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Blackjack Academy
Learn and practice the basics of Blackjack. Five-player card table, dollar amounts up to $9,999, on and off card toggles. Use multiple table rules (Reno, Las Vegas, Atlantic City) or customize your own table. Pull-down help menu, color selectability, play strategies, game save, and retrieve. Also includes quick reference card to help you make the best decision. $24.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Blitzkrieg at the Ardennes
A WWII Battle Simulation game with full color graphics and digitized sound. Includes German saboteurs, artillery supply, terrain effects, paratroopers, play customization, weather, fuel dumps, aerial bombardment. Requires 1MB. Only available directly from R.A.W. Entertainment. $29.95
R.A.W. Entertainment , 957 NASA Road One, Ste. 146, Houston, TX 77058-3098, (713) 286-2386

Blue Angels
Flight simulation. You perform over 25 actual air show maneuvers in three types of air shows and earn a place on the pilots Hall of Fame. $29.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Boom Box
A new, exciting interactive music program that puts you in control of the freshest Rap grooves. Boom Box transforms any Amiga into a 'beat box' and features a totally interactive Remix screen to add echo and effects to the pre-recorded Rap groves included. Or, play along in Jam Mode, triggering heavy guitar samples, screams, turntable scratches, and assorted sound effects in real time, right from the computer keyboard. Requires 1MB RAM, hard drive, Workbench 1.3 or 2.0. $49.95
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

Boppin'
Designed by Accursed Toys. Visually and viscerally stunning. Unusual inventions such as 'reverse polarity' storyline in which Evil is rescued from the clutches of Good, and the unique 'Seppuku' (honor suicides) of the willful characters Yeet and Boik, who are neither heroes nor villains, but agents of Balance. Puzzles of arrangement, trajectory, and timing and accuracy. 150 different screens. Three difficulty levels—from simple to vicious. NTSC/PAL. $39.95
KarmaSoft, P.O. Box 1034, Golden, CO 80402-1034, (303) 490-2939

Bravo Romeo Delta
Real time nuclear war simulation. Player controls the strategic forces of the U.S. or the Commonwealth. Extensive database on nuclear arsenals and strategic targets. Comprehensive manual includes unusual source material for background information. Requires 1MB. Only available directly from R.A.W. Entertainment. $29.95
R.A.W. Entertainment , 957 NASA Road One, Ste. 146, Houston, TX 77058-3098, (713) 286-2386

Breach
One player tactical squad combat game. Includes intelligent opponents, multi-level combat areas, many pieces of equipment, and several combat scenarios. Includes scenario builder. $39.95
Omnitrend Software, Inc., 15 Winchester Court, Farmington, CT 06032-3423, (203) 678-7679

Breach 2
Lead your squad of space marines into man-to-man combat in alien jungles, man-to-alien combat aboard hostile spacecraft, and wherever else your imagination can take you. Omnitrend's classic tactical wargame now has a new look and an improved player interface. Includes 14 built-in scenarios, and the ability to build your own. Published in the U.K. and Europe by Impressions. Requires 512K. $49.95
Mindcraft, 2291 205th St., Ste. 201, Torrance, CA 90501, (800) 525-4933

Break'n'Bash
The next generation of the Breakout style of game. It has the balls, paddles, bricks, special effects—and now there is an opponent. Your success no longer depends solely on raw reflexes, but also on strategy and planning. Two competitors, separated by a wall of bricks. Play against the computer or a human opponent—even over the modem. 100 levels of excitement. Level editor lets you do your own designing. Bonus- the first 500 people to register Break'n'Bash will receive a free copy of our mini-game: Stick Figure Fight. NTSC. Requires 512K, Kickstart 1.2 or higher. $29.95
Knight Tyme Productions, PO Box 201561, Austin, TX 78720, (512) 346-4005

Bride of the Robot
Adult graphic/text adventure. The further adventures of Captain Brad Stallion. Miss Galaxy has been kidnapped by a runaway robot! Your mission is to rescue her. $39.95
Free Spirit Software, Inc., P.O. Box 158, Trafalgar, IN 46181, (812) 376-9964

Bridge 6.0
The latest version of Bridge has significantly improved bidding and play from earlier releases and has numerous new convenience features. As before, Bridge 6.0 will bid and play out the hand, recognize blackwood and stayman conventions, and replay interesting hands as well as deal an opening hand if requested. The auto-bid and play features have been expanded to include a suggested bid; the minimum point count for an opening hand can now be specified up to 25 points; the last trick and bidding can be reviewed and the bidding now takes into account partial game scores. In addition, you can play either contract or duplicate bridge. In the duplicate mode, the program deals the same hand twice, switching positions to allow the user to play both offense and defense. The program will deal millions of different hands and you can even set up your own hands and save them to disk for replay at a later time. $39.95
Artworx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-6573

British Open Courses
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Carnoustie; Royal St. George's (Sandwich); Royal Birkdale; The Honorable Company of Edinburgh Golfers (Muirfield); Royal Lytham and St. Annes. Forty-three opens! No additional charge for foreign orders in U.S. dollars. $15.00
Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

Bubble Ghost
Help a mischievous spook guide a bubble through 36 rooms, catacombs, obstacles, and traps $19.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Buck Rogers: Countdown to Doomsday
Buck Rogers, a science fiction role-playing game, is set in the 25th century, just after the Martian Wars. Guide your NEO team to ensure Earth's survival while, on Mars, RAM is an angry and vengeful corporate state intent on reconquering or destroying Earth. Your party of six player-characters (and up to two non-player characters) can engage in planetary or space combat. $19.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

Budokan
Welcome to Tobio Ryu Dojo. The journey of a thousand steps begins here. What will impress you most on your journey? Will it be the fluid character animation that makes Budokan the most elegant and realistic game every created? Or will it be the hard training you endure in the authentic arts of Kendo, Bo, Nunchaku, and Karate? Or will the 12 black belt opponents at Budokan, with their amazing cunning and talent, etch deepest in your mind? Walk the path of the warrior in Budokan and let everything impress you. $39.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

CODENAME: ICE MAN
Your mission (should you choose to accept): rescue an American ambassador from a group of fanatical terrorists. If you are up to the challenge, then step forward and join the global action of CODENAME: ICE MAN, a new genre of Adventure/Simulation Game from Sierra. ICE MAN allows you to experience a futuristic nuclear attack submarine simulator. Guide this advanced stealth sub across the globe and into combat with enemy warships. New enhancements of SCI produce a very authentic simulation. An optional mouse works the gauges and steering wheel in the submarine; an improved parser provides a much more life-like feel to the action. As Johnny Westland, a member of an elite U.S. Navy SEALS (Sea, Air, Land) commando team, you must travel undetected, via a state-of-the-art nuclear attack submarine, to rescue the ambassador and time is running out! Requires 1MB. $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Caesar
Combines the challenge of building a city from the ground up with the epic history of the Roman Empire. You start as a lowly province ruler with a piece of scrubland, and are given the job of building a thriving city. You must also protect your people from Barbarian hordes. The whole of Roman culture and architecture is available to the ambitious city-builder. After designing one community, you may achieve promotions, new lands, greater challenges, and a political career. Your ultimate goal—to obtain the highest possible rank: Caesar! Available January 1993. $59.95
Impressions Software, 222 Third Street, Suite 0234, Cambridge, MA 02142, (617) 225-0500

California Challenge
Scenery add-on disk for The Duel. $21.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

California Games
Play for a big-name sponsor as you surf, skateboard, roller-skate, and BMX-race through California. Specially-marked game boxes give you a chance to win T-shirts, skateboards, watches, keyboards, sunshades, flying disks, and jet skis! $19.95
EPYX, 500 Allerton Street, Redwood City, CA 94063, (415) 368-3200

California Games II
This sequel to California Games offers five awesome events: skateboarding, bodyboarding, jet surfing, snowboarding, and hang gliding. Play these radical events with stereo sound. $39.95
EPYX, 500 Allerton Street, Redwood City, CA 94063, (415) 368-3200

Campaign
A war games simulator designed with 20th century warfare in mind. Set in Germany during WWII years 1939-1945. You control the movements of over 100 different vehicles and 15 guns. Plan battles using local factories, and supply convoys and airforce support. Quad-tree system for storing maps allows maps up to 2000 miles square. $59.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

Carl Lewis Sports Challenge
Take charge of the training programs for your country's top 10 athletes, monitor their weekly performance, and select the top five contenders for international competition. The computer establishes a competitive environment based on your squad's training performance in javelin, 400-meter hurdles, long jump, high jump, and 100-meter sprint. Realistic digitized images of real world class athletes. Up to four player action. 512K, joystick, Kickstart 1.3 and higher. $9.99
Psygnosis Limited, 675 Massachusetts Ave., Cambridge, MA 02139, (617) 497-5457

Casino Fever
Play and learn craps, roulette, blackjack, and poker. Online help in craps and roulette. Mouse-driven interface, Vegas odds. Works on any Amiga. $39.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Castle of Dr. Brain
This educational and mind-twisting odyssey promises to challenge and entertain young minds for hours on end. With the ultimate goal of becoming Dr. Brain's lab assistant, applicants explore his puzzle-filled castle, unraveling scientific mysteries behind every door. Along the way, children will experiment with time, astronomy, robotics, codes, logic, and math. In the end, candidates must match their newly learned principles to 'real life' job skills before earning the coveted lab assistant position. Full stereo 'rock music' soundtrack. Sierra has used a highly sophisticated palette manipulation technique to enhance its beautifully hand-painted backgrounds, virtually bringing them to life. For adults and children ages 12 and up. Includes Fantastic Book of Logic Puzzles. Shipped with four low density disks. Roland MT-32 and Amiga 4 voice sound are supported. Requires hard disk or dual floppy drives. $49.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Castles
Castles will allow players to experience for themselves what it was like to design, build, defend, and manage their own dream castle. Decide on the kind of gatehouse, how peasants should be worked and taxed, and whether or not to get involved in quarrels between the church and state. Castles features 256-color graphics, musical score, full soundboard support, three levels of difficulty, individual or eight castle campaigns, and realistic or magical settings. $59.95
Interplay Productions, 3710 Susan #100, Santa Ana, CA 92714, (714) 553-6655

Centerfold Squares
Adult-oriented game with digitized graphics. Play against one of eleven centerfold opponents to uncover strategically positioned squares. Different skill levels from easy to nearly impossible. Graphics digitized using a proprietary process that combines the best features of modern scanning technology with the artist's finishing touches. $29.95
Artworx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-6573

Centurion: Defender of Rome
Lead your legions into battle and exploration at the very edge of known civilization. Participate in colorful displays of clashing gladiators and rushing chariots. Or test your diplomatic skills against the likes of Hadrian, Hannibal, and the beautiful Cleopatra. $49.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Challenge Golf
A realistic simulation of golf, made with genuine 3-D landscapes which put you right in the middle of the action. Four 18-hole courses, one to four players, professional and amateur levels, driving range, full club selection, handicapping system, save and load games, and much more. $40.00
On-Line Entertainment , 642A Lea Bridge Road, Leyton, London, E10 6AP England, (011) 4481-558-6114

Champions
Champions is a new adventure with more than 20 detailed villains to conquer. Multiple story lines are combined with a character interaction system where players select goals, methods, and an attitude for character interaction. Players also determine the precise powers and abilities of the super-hero characters and then customize the character's costume, visual and sound effects. Combat scenes combine the precision of role-playing combat with full-screen animated graphics. Available spring 1992. $59.95
Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Champions of Krynn
Champions of Krynn is the first AD&D fantasy role-playing computer game to be set in TSR, Inc.'s most popular AD&D game world, the DRAGONLACE® world. The player guides a party of characters(up to six player characters and two non-player characters) through a web of intrigue and combat. Player characters include kenders and Knights of Solamnia as well as most races and classes of characters from the best-selling DRAGONLACE novels—Tanis, Tasselhoff, and Caramon—as they struggle to overcome the forces of evil. New features include five different difficulty levels, moons with phases, and gods that grant special abilities to their clerics. A special four-color poster featuring an original TSR painting is also included in the game. $29.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

Chaos Strikes Back
Dungeon Master players everywhere are waiting to take on their arch-rival in Chaos Strikes Back. $39.95
FTL Games, 6160 Lusk Blvd. C-102, San Diego, CA 92121, (619) 453-5711

Chaos in Andromeda
Chaos in Andromeda is a fantasy role-playing game set on Koranis 12. Your mission is to find and bring back the political figure and scientist Mr. Noko Yai. He has been kidnapped; if you can't bring him back you must destroy him. Available for NTSC and PAL. $50.00
On-Line Entertainment , 642A Lea Bridge Road, Leyton, London, E10 6AP England, (011) 4481-558-6114

Checkmate
Checkmate is the strongest computer chess program on the market. It has an opening library of over 300,000 moves, learns as it plays by adding strong moves to its library, and is rated in the candidate master category. Requires 512K. $54.95
Interplay Productions, 3710 Susan #100, Santa Ana, CA 92714, (714) 553-6655

Chinese Chess, The Science of War
Unique rules and pieces make Chinese chess an exotic and exciting imagination of war. A river divides the board in half, a king and his guards inhabit imperial palaces, and a cannon can menace the enemy with a move that is unlike anything in Western chess. Chinese Chess includes multiple 2-D and 3-D views; several levels of difficulty; clocks; the ability to print, save, or load games; online descriptions of rules, pieces, notation, and strategy; the ability to create custom positions; mouse or keyboard control of pieces; and special features for learning the game. $32.95
Eagle Tree Software, P. O. Box 164, Hopewell, VA 23860, (804) 452-0623

Chip's Challenge
Over 140 levels of puzzle-solving action challenging the user's imagination while captivating the player with suspense of what challenge lies ahead. $39.95
EPYX, 500 Allerton Street, Redwood City, CA 94063, (415) 368-3200

Chuck Yeager's Advanced Flight Trainer V2.0
Experience white knuckle flying thrills with this new version of the best selling hit. Show your stuff in 18 different aircraft, each with accurate aerodynamics and realistic 3-D graphics. Fly formation with the Blue Angels and Thunderbirds or race six new courses. As a special bonus, Chuck Yeager personally guides you through AFT on the Flying Insights audio tape included in every package. $39.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

❷ Circle of Success
Wheel of Fortune clone that allows one to four players. Easy creation of custom data files. Build a file of famous chemists, or Spanish words, or whatever. AmigaDOS 2.0 compatible. $19.95
SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

Civil War Scenario
Four add on scenarios for UMS II simulate the American Civil War from 1861-1864. Includes 52-page manual with descriptions of each unit type like Ironclads, Gunboats, and Calvary. Also includes complete attack/defense matrices for units and terrain, as well as a movement and supply consumption matrix, plus order of battle tables and historical backgrounds. $29.95 plus postage.
Intergalactic Development, Inc., 1427 Washington St., Davenport, IA 52804, (319) 323-5293

Classic American Courses
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Seminole (Palm Beach, FL); Pine Valley (Clementon, NJ), ranked No. 1 in America; Spyglass Hill (Pebble Beach, CA); The National Golf Links of America (Long Island, NY); and Cherry Hills (Denver, CO). No additional charge for foreign orders in U.S. dollars. $15.00
Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

Classic Board Games
Whether you're in the mood for an enthralling game of Chess, have the hankering for a good old-fashioned game of Checkers, or prefer a rousing game of Backgammon, you'll be able to test your skills against the computer, or against another human. Three difficulty levels will give you a challenging and entertaining match. See CDTV section also. $14.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Clever & Smart
Join the fun with the bumbling detective characters from Germany's most popular comic strip. They're on a mission of a lifetime trying to find the kidnapped Dr. Bactterius. Incredibly tricky program of strategy as these zany characters fall in and out of trouble and mischief. Package also includes The Crimes, a newspaper filled with clues that will help you solve the mysterious crimes. $34.95
DigiTek Software, 1916 Twisting Lane, Wesley Chapel, FL 33543, (813) 973-7733

Clown-O-Mania
You are Beppo the Clown in a quest to find the land of a thousand crystals. Features: 70 levels full of riddles and tasks, 3-D screen construction and soft-scrolling in all directions, hilarious upside-down play, great music during game play to accompany the fun, lots of enemies and surprises. Use razor blades, blocking pyramids, jumpers, trampolines, funnels, teletransporters to escape the nasties; collect energy boxes and life-giving clown masks. Beware of acid holes, fast enemies, and one-way streets. Solve color and number riddles to gain extra points. $34.95
DigiTek Software, 1916 Twisting Lane, Wesley Chapel, FL 33543, (813) 973-7733

Clue Master Detective
Play your favorite game of criminal detection with friends against the computer, or with a mixture of both. Enjoy the enhancements the computer can bring to the game play, such as graphic animation and sound. Clue Master Detective has more than ever before to exercise your little gray cells–more suspects, more possible murder locations, more weapons–in fact, more mayhem! $39.99
Virgin Games, Inc., 18061 Fitch Ave., Irvine, CA 92714, (714) 833-8710

Cohort II
Take command of the Roman army in Cohort II! Fight Roman battles against trained soldiers or barbarians with this enhanced version of the Micro Miniatures combat simulation. Customize your troops by choosing from seven types of Roman soldiers of four types of Barbarians, and then command up to one hundred men at a time with one order! Cohort II even links to the epic Caesar, wwhere you can fight your battles against barbarian armies using the Micro Miniatures system! $29.95
Impressions Software, 222 Third Street, Suite 0234, Cambridge, MA 02142, (617) 225-0500

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Entertainment

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Last Minute Additions

College Football USA
Win the nation championship. That's the challenge in this unique new football game. Features: super animation, high school recruiting, size/speed/stamina ratings, game/season statistics, one or two player mode, Bowl games, and more. For Amiga 500, Workbench 1.3. $39.95
Mahoney Software Products, 897 Charlotte Dr, Newport News, VA 23601-1068, (804) 591-9330

College League Option Module
Select one of the top 64 college teams in the nation to lead through the annual Championship Tournaments with SportTime's newly released College League module. Play with the actual teams, players, and stats from the 1989 college basketball season. Each team is unique, so the final outcome of any tournament will depend upon the player's coaching and gaming skills. $14.95
SportTime Computer Software, 3941-E So. Bristol St. Ste. 551, Santa Ana, CA 92704, (714) 966-0207

Colossus Chess X
This program offers exceptional graphics, four different sets of chess pieces, complete control over screen orientation (view board from any angle), six playing modes. A unique feature is its ability to learn new lines of play based on its experience playing against opponents. $19.95
Artworx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-6573

Combat '42 2.7
Compete with the computer or your best friend to battle your way through each scenario without being destroyed. Each army consists of tanks, artillery, planes, boats, and milliles. Each scenario can consist of swamps, jungles, rivers, lakes, and minefields. Combat'42 now features over 24 computerised scenarios and creator. For A500/1000/1200/2000/3000/CDTV. Requires at least 1MB RAM OS 2 Compat. $14.95
Electronic Trading Post, 71 Avenue Road, Highgate 5063, Adelaide, South Australia, Australia, 011-61-8-272-2302

◆ **Combat Air Patrol**
Jump into the cockpit of your F-14 or F-18 and blast your way across the battlefield of Desert Storm. Direct a complete campaign or take on one deadly mission at a time. With a variety of land, sea and air targets, multiple weapons systems, day and night scenarios, and digitally sampled sound, Combat Air Patrol brings the conflict in The Gulf to your Amiga. Combat Air Patrol is Amiga DOS friendly and hard drive installable. $49.99
Psygnosis Limited, 675 Massachusetts Ave., Cambridge, MA 02139, (617) 497-5457

◆ **Combat Classics**
Imagine three games for the price of one! F-15 Strike Eagle II (MicroProse), 688 Attack Sub (Electronic Arts) and Team Yankee (Empire) are all available now for one unbelievable low price. This Land, Sea and Air compilation are some of the most popular games ever published. All titles were hits on their own, but now packaged together, they are essential to complete any war simulation lover's collection. $49.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

Combat Course
Get out those fatigues—you've just been drafted into a top-secret training camp for the military elite. Test your skill and endurance in four fast-paced training levels, then build your own obstacle course for the ultimate challenge. $39.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Commissioner's Disk
For use with Earl Weaver Baseball and Season Data Disks, the Commissioner's Disk provides players with complete control of any baseball league imaginable. A sophisticated tool for managing league baseball, players may use it independently for real-life leagues, from Little League to softball leagues. Become General Manager, as players may draft and schedule a league, hire free agents, update player and team files, and trade up to five players at a time while attempting to operate a successful league. Player rosters and league schedules may be customized and printed once a team has been organized. Players accumulate statistics, view league stats by batting average, slugging percentage, pitching performance, and player position. Players may design their own ballpark or redesign the classics. $19.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Computer Third Reich
All World War II elements are included: military, economic, geographical, ideological, chronological. Features state-of-the-art graphics, easy-to-use interface, choice of human or computer opponents for either side, plus three different historical scenarios and a campaign game. Also advanced Save Game function to make play by mail easier. $39.95
Avalon Hill Game Company, The, 4517 Hartford Road, Baltimore, MD 21214, (410) 254-9200

Conflict in the Middle East
Conflict in the Middle East: Arab-Israeli Wars 1973-? At 1400 hours on October 6th, 1973, the unsettled condition that passes for peace in the Middle East was shattered by the sound of Arab artillery fire in the Golan Heights and along the length of the Suez Canal. The war between Israel and the Arab Coalition lasted until October 24. Claims were made by both sides after the war; those claims are all debatable. If things had gone a bit differently in the Golan, Israel just might have been destroyed. This wargame simulation offers incredible detail of a brigade/divisional level game. You control every squad, vehicle, and gun tube! $59.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

Conquest of Japan
This nulti-level military simulator harkens to the historical epics of the Samurai. Mass warriors to protect your ciities, and form armies to defeat your opponent's forces and conquer their cities. When two armies meet, the battle is completely enacted, with you in control! Easy-to-use interface. Animated, scrolling graphics. 1MB, one disk drive, system version 1.2 or higher. International support. $59.95
Impressions Software, 222 Third Street, Suite 0234, Cambridge, MA 02142, (617) 225-0500

Conquests of Camelot
A tale that has been told through the centuries will soon become a Sierra 3-D animated adventure game. From the highest rampart of Camelot, to the Holy Land, across storm-tossed seas, Conquests of Camelot will take you in search of the Holy Grail, a search determining your will, your faith, and your physical prowess. Holding true to the mythical Celtic legend, all of your favorites are here with grahics and sound that bring new life to a tale often told: King Arthur, Gwenhyver, Sir Lancelot, and Merlin, who knows all. In simulated combat, you will wield Excalibur, the sword of Kings, and joust from horseback, as you journey to find the lost Grail. Call company for details. Requires 1 MB. $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Conquests of the Longbow: The Legend of Robin Hood
Journey through the enchanting but dangerous Sherwood Forest as Robin Hood and join with his band of merry men in the quest to save King Richard the Lionheart. A keen wit will be the weapon of choice and the key to finishing. Most importantly—think and act like Robin Hood—or die! Dozens of pathways and solutions lead to four possible endings in this complex game. You must think about the consequences of every interaction with each character. 64-color art blends medieval color palettes with countless animation sequences. Medieval soundtrack supports Amiga 4-voice. Ships on eight low density disks, requires hard disk, 1MB memory, and Workbench 1.2 or higher. $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

◆ **Contraption Zack**
The ancillary functions of the feeder system may be on the fritz. Or it could be the friction inhibitors or the phalynx resistors. Zack, the master repairman, must find his way through a labrynith of malfunctioning machinery, solving increasingly sophisticated puzzles in order to fix the mysterious, intriguing gadgets around him. Since all of the equipment is interconnected, Zack must make his repairs carefully, or he will have to go back and make corrections. The more progress Zack makes, the more challenging and complex this multi-layered puzzle becomes.The player must help Zack find and fix his way threough over 60 3D rooms filled with thousands of animations. Along the way you will be challenged with increasingly sophisticated puzzles. All of this is accompanied by a full sound track. $39.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Corporation
It's got everything—mapping, object manipulation, damage control, security problems, combat, and Backpack Computer and Smart Card. You'll be locked in combat as you struggle to expose the Universal Cybernetics Corporation in its bid to develop a mutant robot for military purposes. As a ZODIAC special investigator, can you save man from his untimely destruction in the 21st century?
Virgin Games, Inc., 18061 Fitch Ave., Irvine, CA 92714, (714) 833-8710

Cosmostruction
Introducing a new concept in space age technology: Cosmostructing! In the near future, space colonies will require tremendous amounts of energy. Become a Cosmostructor and construct a cosmic energy duct between space colonies and nearby planetoids to drain them for power. You and your opponent take turns constructing a piece of the energy duct, accumulating points as you play. You must avoid mine fields, use warp gates, and delay your opponent as you both race towards the planetoid. Requires 1MB. $29.95
Empire Graphics, P.O.Box 964, Union, NJ 07083, (908) 964-7864

Court Side College Basketball
Statistical simulation of College basketball. Includes a stats compiler and 356 teams. $39.99
Data Innovations Inc., 127 N. Front St., Rising Sun, IN 47040, (812) 438-3733

Courtroom
You select the case (robbery, embezzlement, etc.), select the type of judge (liberal, conservative, etc.) and play the prosecutor or defense attorney in this legal affairs drama. Review statements and material evidence, select witnesses, and convince a majority of the jury to win the case. $49.95
FairBrothers, Inc., 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954

Covert Action
Realistic contemporary spy simulation dealing with today's drug smuggling, terrorism, and international intrigue. As superspy Max Remington, you are a seasoned veteran of modern, hi-tech, undercover operations. Recognize faces, break codes, unravel plots, decide which leads to follow or ignore, and more.
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

Crackdown
Don't be fooled by the flesh tone; underneath that pasty exterior is a flesh and wire cyborg programmed for your destruction. The evil Dr. K created a race of bio-bots to protect his underground city. Dr. K's mission is to expand above ground into human territory. His strategy is to destroy anything that's pure biology. Take another freedom fighter down with you, or go solo. Your mission is to set bombs in all the right places: boiling sewers, laboratories, deserted depots, and a dockyard teeming with cyborgs. Each of the 16 levels offers a unique danger. You have plenty of ammo and full brain capacity on your side. They have half a mind, but weapons that will drive you buggy. $24.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Craps Academy
Learn the mysteries of the craps table in the privacy of your own home. Graphics and special effects teach you the rules of the game. A four-player table allows five friends to play at once using animated dice with scrolling table, complete glossary of buzz words, instant recap of recent game, and player stats. $24.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Crazy Cars
Race in The American Cross Country Prestige Cars Race, the world's craziest race. Over six tracks cover the U.S. in 72 stages. Complete the race before time runs out and get a faster car. Start with a Mercedes 560 SEC, then a Porsche 911 Turbo. Work up to a Lamboghini Countach, and if you're good enough, a Ferrari GTO. $39.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Cribbage King/ Gin King
Two brilliant card game programs in one package! Gin King will astound you with its stunning full-color hi-res graphics and challenging play. Cribbage is one of the world's oldest and most popular card games. Now with Cribbage King you can play cribbage like a king! Package includes free cribbage board and a deck of Bicycle playing cards. $59.95
Software Toolworks, The , 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Crime Does Not Pay
Or does it? This is the official mobster game endorsed by the Mafia. You don't own the town yet? That won't last long. Maybe becoming mayor of the city would solve your problem. But what about using mobsters to bribe, blackmail, and fight the big guys. Don't listen to justice and order, have no scruples, and lead your gangs to gain control over money and power. Who are you? The godfather, the femme fatale, or the killer? You will have a realistic map of the city where you can visit 200 locations and meet 10 important people. $49.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

❷ Cross Poker
Place cards in five rows by five columns. Place the cards to create the best possible combinations of hands in both horizontal and vertical directions. Think ahead strategy. AmigaDOS 2.0 compatible. $19.95
SterlingWare, Inc., Whiteside Area Vocational Center, 1608 Fifth Ave., Sterling, IL 61081, (815) 626-5810

Crusaders of the Dark Savant
Sequel to Bane of the Cosmic Forge, Crusaders offers players an adventure that takes players into a new realm of fantasy role-playing. Features include 256-color VGA graphics, full soundtrack, and an auto-mapping feature. Offers true point-and-click mouse interface and new outdoor campaigns. Players see outoor landscape with trees, streams, and the like. No longer will they spend the entire game trapped in a dark cavern. Players can create their own characters or import characters from Bane.Crusaders also offers multiple beginnings which depend on a player's end game in Bane. Searching for a secret hidden long ago by a once-mad scientist, players will explore dungeons, castles, a town, caves, and battle the enemy out of doors. New skills and spells. Call for availability. (Marketed by US Gold in UK.) $69.95
Sir-Tech Software Inc, P.O. Box 245, Ogdensburg Business Center, Ste. 2E, Ogdensburg, NY 13669, (315) 393-6633

Curse of the Azure Bonds
Ambushed, captured, and knocked unconscious, you awake with no idea who attacked you or how you arrived in Tilverton. The mystical power of the azure symbols ensnares your will like metal bonds. When the bonds glow, you must do as they command. Your only hope is to search the Forgotten Realms for members of the alliance who created the bonds and regain control of your own destiny. This exciting sequel to Pool of Radiance lets you transfer characters from Pool and Hillsfar. Features include new player character types, high-level advancement, deadly new monsters, and over 24 new spells. $19.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

Cyber Empires
Combines strategy with fast-paced arcade action. Players move their armies around the world, build factories to create more cybernetic warriors, and conquer enemy territories. In the fight for total domination of the planet Orion, players are the Supreme Commanders with orders to construct, command, and conquer! $49.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

◆ CyberSpace
Set in San Francisco 2090AD CyberSpace explores the futuristic world controlled by gangs of high tech street punks. Using a combination of high technology coupled to their minds these gangs have created a new computer enhanced universe called CyberSpace. These are the ultimate hackers in a world gone mad. $59.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

Cyberblast
Your goal is to make your way through 64 levels of Fastrax Labs until you find the missing control chip. Locating the control chip closes the portal that allows the deadly aliens to enter our universe. To complete a level, you must find and grab the crystals and then locate and enter the exit within a specific time limit. You pick up energy, points, laser pistols, bombs, and grenades. Each character has unique speed, shields, strength, zappower, and shotspeed. Of course your journey is hampered by walls, enemies, and many other threats to your life. Two-player simultaneous mode. $39.95
Innerprise Software, Inc. , 1818 Potspring Road #30, Timonium, MD 21093, (410) 560-2434

Cybercon III
You have bravely volunteered to execute Operation Nemesis—The destruction of the merciless Super Defence computer gone mad: Cybercon III. Equipped with your enhanced power armour salvaged from the wreckage of Cybercon III's onslaught, you must penetrate the defence complex protecting Cybercon III's brain stem and deactivate it. $44.95
U.S. Gold, Distributed by Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (415) 513-8929

DARK CENTURY
A gang of extremely dangerous convicts is trying to escape from the federal prison planet. If the gang of prisoners succeeds in reaching Earth, who knows what can happen? Your mission (Codename: Survival Edge) is to capture the convicts while they are still on the planet, but first you must neutralize the ultra-sophisticated tanks which they have stolen and are using in their escape attempt. You are in command of the pursuit tank squad. Your tanks are all equipped with the latest in detection devices and technology. Be the ultimate strategist, and lead your team in defeating the bloodthirsty convicts. Get ready for the fight of your life and remember- show no mercy! $44.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

DUCKTALES: The Quest for the Gold
In six different games, at three ability levels, you will search for the world's rarest treasures in a variety of exotic places. One of the first things to learn, however, is how to keep and send secrets by using secret messages. The control center in Scrooge's office is protected by Gyro Gearloose's Super Anti-Spy Security System, preventing Glomgold's henchmen, the Beagle boys, from stealing Scrooge's business secrets. The map of Scrooge's worldwide operations can be seen by using the Secret Code Sheet to decode the control center's secret password. $44.95
Walt Disney Computer Software, Inc., 500 S. Buena Vista Street, Burbank, CA 91521, (818) 973-4390 sales

Daily Double Horse Racing
Spend a day at the race track with a full card of ten races. Check your racing form, handicap the races, taking into account the horse, jockey, and track conditions. Then place your bets and watch the action of the race in 3-D scrolling graphics. $19.95
Artworx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-6573

Damocles
Paul Woakes, one of Europe's best-known programmers, has created an ingenious and challenging real time 3-D adventure. Interactive gameplay allows users to capture 3-D objects and relocate them at will. Player-operated explosives give very graphic results. Use too much expolsive and you'll blow yourself up! Features include: frequent day/night changes with dynamic views of sun/moon/planet risings and settings, 37 city sites, 3000 multi-room buildings and over 200 movable gameplay objects. Buying and selling of objects lends an interesting twist to the game. $24.95
Media Technology Limited, 1370 Picard Drive, Ste 120, Rockville, MD 20850, (301) 926-8300

Dark Queen of Krynn
Brings a thrilling close to the epic that began with Champions of Krynn and continued with Death Knights of Krynn.To save the people of Krynn from the diabolic whims of the Dark Queen, Ansalon's most brave warriors must voyage to the shore of the mysterious Taladas. They encounter danger and unearthly creatures from the top of the Tower of Flame to the depths of the sea. Players can transfer characters from Death Knights with their items and money intact, or create their own. Characters can advance up to the 40th level. For one player. Includes Rule Book and Adventurer's Journal. $49.95. Clue Book: $12.95. $49.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

❷ Dark Seed
Sci-fi role playing game based upon artwork of H.R. Giger, Academy Award winning artist for movie Alien. You are Mike Dawson, a science fiction writer who has just purchased an old Victorian house. You soon discover that you have bought more than you imagined. Control the fate of two worlds—the world we know and the dark world of an ancient, dying civilization. Unlock the secret of a sinister plot and discover the dark passage to their world, a place more terrifying than your darkest nightmare. NTSC/PAL. Requires 1MB, Kickstart 1.2. AmigaDOS 2.0 compatible. Available Christmas 1992. $69.95, £39.95. $69.95
Cyberdreams, Inc., 21243 Ventura Blvd, Ste 230, Woodland Hills, CA 91364, (818) 348-3711

Darkman
Once he had a normal life, a beautiful girlfriend, and a brilliant medical career—creating synthetic skin for accident victims. Then he became the victim himself, brutally attacked by sadistic criminals—his face and body burned beyond recognition. Now Darkman walks the night, searching for the woman he loves. A man who looks like a monster, he hopes to salvage his scorched flesh—and have revenge on those who destroyed his life. Kickstart 1.2,1.3. $19.95
Ocean of America, 1855 O'Toole Ave, Ste D-102, San Jose, CA 95131, (408) 954-0201

Datastorm by Visionary Limited
The explosion of the planet Xerxes has plunged its eight orbiting colonies into deep space. Forced to rebuild, they are seeking out a new home planet. You must guide and protect the eight survival pods through their dangerous voyage and lead them to sanctuary. Fight up to 128 intelligent enemies simultaneously, three skill levels. Special powers include: shields, smartbombs, and cloaking devices. $39.95
Media Technology Limited, 1370 Picard Drive, Ste 120, Rockville, MD 20850, (301) 926-8300

Day of the Viper
A galactic action-adventure in which players direct a powerful attack android in the rescue of a defense installation seized. $49.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Days of Thunder
Better buckle up, you're about to experience all the engine-roaring, tire-screeching stock car action of the movie Days of Thunder. This heart-pounding adventure features the challenge of eight incredible races on a variety of totally hot tracks. Choose a car, then customize it for maximum speed and handling on the course.
Software Toolworks, The , 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Death Knights of Krynn
Death Knights begins a year after the conclusion of Champions of Krynn. A party is taking place commemorating victory over the evil forces when the celebration is disrupted by the undead Sir Karl swooping in on a Death Dragon. When Sir Karl steals a revered Dragonlance, the champions decide to recover it. As they travel, they find their goal and their adventure prove to be much differ-

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❷ AmigaDOS release 2 Compatible *(Vendor Verified)*

ent than they ever imagined! Characters may be transferred from Champions of Krynn or an entire new party of adventurers may be created. Characters that are transferred can keep their items and money. A Cluebook is available for $12.95 $49.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

Deja Vu II: Lost in Las Vegas
From the creators of Deja Vu, Uninvited, and Shadowgate comes this interactive graphic adventure game. You've been abducted by two thugs from Chicago, knocked senseless, and if you don't come up with $100,000 in seven days, your number is up! $49.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Deja Vu: A Nightmare Comes True
This is the first all-graphic adventure game from ICOM Simulations. You wake up with a bout of amnesia and quickly realize that you're being framed for murder. You'll feel as if you're in a 1940s film as you gather clues to clear your name. $49.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Demoniak
Artificially intelligent text adventure by Alan Grant. The universe is under attack by the evil Demoniak. Use your team of superheroes and their special abilities (magic, flame, mind-reading...) to defeat him. Recruit characters you meet and solve devious puzzles in many different ways. The Pure Fiction simulation system allows the user to play any of the 50 characters in the game, swapping roles at any point.
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Desert Storm Scenario
A pair of add on scenarios for USM II which simulate operation Desert Storm right down to the Scud missiles being intercepted by Patriots. Includes 104-page Gulf War Fact Book with complete history of the war and nine color maps. Requires 1MB. $29.95 plus postage.
Intergalactic Development, Inc., 1427 Washington St., Davenport, IA 52804, (319) 323-5293

Dick Tracy: The Crime Solving Adventure
Disney has crafted a computer game with the unique blend of 1940's radio theater and comic book graphics to produce a strategy game that defies categories. As Dick Tracy, players try to clean-up a metropolis overrun with sinister gangsters. Get the dope on crimes and try to get the goods on Big Boy Caprice. Dozens of randomly generated crimes will challenge players to race to the scene of the crime, look for clues, and interrogate suspects. Dick Tracy also supports the Sound Source with digitized voice, fully-orchestrated music, and sound effects. $39.95
Walt Disney Computer Software, Inc., 500 S. Buena Vista Street, Burbank, CA 91521, (818) 973-4390 sales

DinoWars
Play this interactive strategy with fully animated arcade sequences and a complete encyclopedia. Join forces in two opposing armies featuring eight of the best known dinosaurs of the prehistoric era. Choice of five different board setups. A multiple-disk package. $39.95
DigiTek Software, 1916 Twisting Lane, Wesley Chapel, FL 33543, (813) 973-7733

Discovery—In the Steps of Columbus
Battle pirate ships (and your four opponents) and venture into unknown waters. Upon reaching land, command animated settlers to form cities, establish trade, and defend themselves. Includes six versions of the New World to explore. Mouse-based interface. 1MB, one disk drive, system version 1.2 or higher. International support. $59.95
Impressions Software, 222 Third Street, Suite 0234, Cambridge, MA 02142, (617) 225-0500

Distant Armies
The playing history of chess. Includes 10 forms of chess, each programmed with its own board, pieces, and rules. Several levels with two- and three-dimensional views; extensive on-line description of each game's history and rules. Includes Chaturanga, Chinese Chess, Burmese Chess, Shatranj, Byzantine Chess, Medieval Chess, Courier, Turkish Chess, Decimal Chess, and Maniac. $44.95
Eagle Tree Software, P. O. Box 164, Hopewell, VA 23860, (804) 452-0623

Dojo Dan
Fast-action game based on cutesy Japanese teen-warrior. In mythical land of Banzaari, Dojo Dan takes on the evil warlord Valrog and his hideous hordes of mutants to rid his beautiful world of these tyrants. 20 grueling stages of exciting action push even experienced game players to the limits. Awesome atmospheric music, up to 160 colors on screen at once, and the smoothest multi-directional scrolling. £25.99.
Europress Software, Europa House, Adlington Park, Macclesfield SK10 4NP, England, (011) 44-625-859-333

Double Dragon II: The Revenge
Twin brothers Billy and Jimmy Lee must join in deadly combat with the savage Black Warriors to free Billy's girl Marion. Using martial arts expertise and whatever weapons they can grab, Billy and Jimmy pursue the gang to the secret lair of the Shadow Boss for a final confrontation. $39.99
Virgin Games, Inc., 18061 Fitch Ave., Irvine, CA 92714, (714) 833-8710

Dr. Doom's Revenge
An interactive comic book. State-of-the-art full-screen comic book pages, drawn in dazzling color and featuring the authentic Marvel look. Each page of the game shows Spidey and Cap's progress through Doom's castle. Over 30 challenging arcade sequences give you control of Spiderman and Captain America as they battle Dr. Doom and his super villains. $39.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

Dr. Plummet's House of Flux
More than a run-of-the-mill gravity game. It is 28 screens of the most bizarre, humorous, and frustrating challenges in the universe, spread over four selectable missions, each one more difficult that the last. It's fighting aliens and twisted, unpredictable forces of Dr. Plummet's fortress. But best of all, it's the most entertaining way to turn off those overworked brain cells for a while. $24.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Dragon Wars
Fantasy role-playing in an island world. Players must escape from prison, find out why magic has been banned on the planet, and prevent the unleashing of the dragons guarding the city-states. $49.95
Interplay Productions, 3710 Susan #100, Santa Ana, CA 92714, (714) 553-6655

Dragon's Lair II: Time Warp
Dirk the Daring continues his adventure in the sequel to Don Bluth's animated adventure Dragon's Lair in Dragon's Lair II: Time Warp. Princess Daphne has been spirited away to a wrinkle in time by the evil Wizard Mordroc, who plans to force her into marriage and only you can rescue her. With the help of an aging time machine, you must defeat Mordroc or the princess will be lost forever in the Time Warp. $59.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

◆ **Dragon's Lair III: The Curse of Mordread**
After destroying the Evil Wizard Mordoc in his bid to marry to your beloved Princess Daphne in Dragon's Lair II: Time Warp, now his sister the Evil Witch Moredread, is demanding revenge. You as Dirk the Darling, must test your skills as you are thrust into a frantic quest through time to save Daphne and the Children before they are trapped in the Vortex of Eternity. $59.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

DragonStrike
Feel the raw power of the mighty dragon surging beneath you as the wind beats against your face. The deadly skies above the AD&D DRAGONLANCE game world of Krynn explode before your very eyes. Learn to fly dragons and master over 20 different missions. Progress through three different orders of Solamnic Knighthood, gaining bigger, more powerful dragon mounts as you go. $19.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

Dragons of Flame
Explodes with action! Control up to 10 Companions, one at a time. Your quest: rescue slaves held by the ravaging Dragonarmies in the impenetrable fortress of Pax Tharkas, crackling with vile energy. The Companions explore the wilderness of the Elven Mosaic, where they gain valuable allies—the mysterious elves of Qualinesti. Each Companion has different specialized skills. Use them wisely to evade evil Draconian patrols, Dragons, Giant Wasps, Griffins, Wraiths, Zombies, and other monsters! 512K. $14.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

Dragonscape
Dragonscape is the wackiest, fastest, toughest, most addictive fantasy shoot-'em-up to appear on the Amiga. Featuring 64-way scrolling, four multi-screen levels, a full musical soundtrack, and 100 types of opponents, Dragonscape is fast, furious fun. $39.95
Mainstream America, 1012 South Main Street, Taylor, PA 18517, (717) 562-0650

Dragon's Lair
The much-awaited arcade classic. Six digitized disks bring the coin-op laser legend to the Amiga. As Dirk the Daring, you'll try to rescue Princess Daphne from the evil Dragon, Singe. Requires 1MB RAM. $59.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

Dungeon Master
Real-time dungeon exploration with 3-D view. Levels upon levels of monsters, puzzles, and more. Mouse-only interface. Quick reference answers manual available (see Books and Tapes section). $39.95
FTL Games, 6160 Lusk Blvd. C-102, San Diego, CA 92121, (619) 453-5711

Dungeon Master Survival Kit
Dungeon Master Survival Kit includes maps, walk-thrus, spell list, and other vital information for Dungeon Master and Chaos Strikes Back. This kit also contains Custom Character Editors for both games. Requires 1MB. $19.95
Elkon Enterprises , 4654 Mistletoe , Wichita Falls, TX 76308, (817) 691-0964

Eagle's Rider
The year is 7014, the war between humans and cyborgs continues. Only a few solar systems remain under human control. You are Captain Steve Jordan, elite pilot of the 637th squadron of interceptors. You had been taken prisoner by the cyborgs. Somehow you've managed to escape from your prison planet, stealing their new fighter, Eagle. Fly your Eagle fighter throughout space at lightning speed, avoiding collision with asteroids and mines. $49.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Earl Weaver Baseball Data Disk
Statistics from 1986 major-league teams. $19.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

EbonStar
Skill and strategy. Avoid satellites, armed drones, and the Warp, to destroy competitors by hurling them into the synthetic black hole. One to four players, 50 levels of complexity. Fast paced free-flowing graphics and animation are sure to keep you captivated! $24.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Electric Crayon: Never Ending Story II
The Never Ending Story II contains 30 pictures of Bastian and his friends in the world of Fantasia. Children can color and enjoy each picture time and time again. Print banners as well as posters and calendars of their favorite characters. $17.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Elf
You encounter strange experiences in your travels as Cornelius the Elf. Your true love, Elisa, has been abducted by Necrilous the Not Very Nice, and imprisoned in his dark castle. To reach her, you must traverse enchanted woods, underground mines, jungle swamps, and snow-capped peaks, where bizarre, villainous creatures and devious puzzles test your mettle at every step! Fortunately, your magic ring can cast many spells, increasing in power as you tread deeper into mystical lands of goons, goblins, and demons. You can even control some of the background game features, helping you get to where you think you should be. Numerous secret areas lie within the forest, where vital clues can aid your quest, but beware—your own ghost may materialize to haunt you! Kickstart 1.2, 1.3. $39.95
Ocean of America, 1855 O'Toole Ave, Ste D-102, San Jose, CA 95131, (408) 954-0201

Eliminator
Space highway arcade game. $34.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

Elvira II: The Jaws of Cerberus
Rescue Elvira from the ghastly Cerberus, the 60-foot tall, three-headed demon who has found its way into our dimension and now holds her captive somewhere in the depths of a huge film studio. The game features more locales to explore, including three frighteningly authentic movie studios, and more gruesome and vividly graphic creatures to combat both physicallly and magically. Gameplay is enhanced with realistic and spooky animated graphics, a haunting original soundtrack, and a transparent interface that, working together, completely embroil the player in an experience synonymous with a first class horror movie. $59.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Elvira, Mistress of the Dark
Featuring the sultry Elvira, the world's most famous spokesperson for ghouls and goblins, the game leads players on a ghostly and grisly role-playing adventure through a demon-filled medieval castle. Search for 'The Scroll of Spiritual Mastery' sealed in a chest bearing six different locks. You must find this before Elvira's relative, Queen Emelda, who recently rose from the dead. In your search you will cast spells using the book of magic spells while fighting off evil creatures. $59.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Epic
A legend is born, a supremely advanced, one-man starfighter of awesome power and destructive capabilities that, in the right hands, will wreak havoc among intergalactic transgressors—that legend is Epic. A 3-D 'epic' that reaches a milestone in polygon technology in terms of speed, graphical detail, and pure playability. A multitude of missions, from devious to manic, take you deep inot the heart of this sci-fi conquest of outer space. Kickstart 1.2, 1.3. $49.95
Ocean of America, 1855 O'Toole Ave, Ste D-102, San Jose, CA 95131, (408) 954-0201

Escape from Singe's Castle
Plunge further into the depths of the Dragon's Lair! Just when you finally rescued Daphne from Singe the Dragon, along comes his master, the Evil One, and steals her away again. Match wits with the new challenges that confront you as well as totally new encounters never before seen in the original Dragon's Lair®. Muster all your skill and cunning to free Daphne once again in the brilliant final battle deep within the cavernous dungeons beneath the Castle. Escape from Singe's Castle installs on any hard drive, runs multitasking, and even links with the original Dragon's Lair to allow you the ultimate playing experience. $44.95
Media Technology Limited, 1370 Picard Drive, Ste 120, Rockville, MD 20850, (301) 926-8300

Espana Games 92
Strive for the gold in over 30 events including track and field, swimming, diving, boxing, wrestling, and fencing. As an experienced athlete, practice up to the day of the event. Or train an athlete for the games, improving stamina and fitness along the way! Kickstart 1.2, 1.3. $39.95
Ocean of America, 1855 O'Toole Ave, Ste D-102, San Jose, CA 95131, (408) 954-0201

European Challenge
Scenery disk for The Duel. Journey through Germany, Switzerland, Holland, France, Spain, and Italy. $21.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Eye of the Beholder
Eye of the Beholder, the first graphically based AD & D computer FRP game, uses the mouse or keyboard and an easy point-and-click interface to pick up objects, move or throw them, to ready weapons, to cast spells, etc. In the Forgotten Realms city of Waterdeep, your party of four PC's and up to two NPC's have been hired by the City Council to discover the conspiracy hidden below the city. $59.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

Eye of the Beholder II: Legend of Darkmoon
The exciting sequel to Eye of the Beholder is bigger, better, and meaner! Forest, temple, catacomb, and three huge towers. More people to meet, clues to learn, and mysteries to unravel. Better graphics and improved point and click interface make playing even easier. Lots of new, smarter, meaner monsters—some of the nastiest ones are human! 1MB. $59.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

Eye of the Storm
Two hundred and sixteen years into the future, mankind has at last defeated disease, poverty, and hunger. In an effort to boost declining viewing figures, the three huge holovision conglomerates have lobbied the interplanetary legislature for many months. Finally they got their way—the creation of law-free zones, where anything can happen and does—in front of the viewing audience. You have been sent into one of those zones; into the boiling depths of Jupiter's red eye, in a kill or be killed mission. Features over 210 different types of solid 3-D objects with up to 100 faces and 26 animation positions. $49.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

F-15 Strike Eagle II
The classic game of aerial combat roars back to life in the '90s, loaded with fast action and vivid graphics. Dogfighting is the name of the game. Although the sky swarms with bogies, your streamlined weapons console targets enemy planes with the touch of a button to let you concentrate on the action. Enemy pilots and missile crews act and react intelligently. Success depends on making the right moves—fast! $59.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

F-16 Combat Pilot
Players must master five basic missions to become a Squadron Commander. Once all five missions are completed, players may undertake Operation Conquest, the final scenario. By successfully blowing away the enemy in Operation Conquest, players are promoted to a more elite squadron. There are nine squadrons in all, and each promotion becomes progressively more difficult to attain. The game includes LANTIRN-guided Maverick missiles, Iron bombs and Durandals, Advanced Tactical Air Reconnaissance System, and Air-to-Air missiles. More than 500 fixed and mobile targets are spread over thousands of square miles on every mission. $34.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

F-19 Stealth Fighter
Features an advanced cockpit with two multi-purpose display screens, a radar scope and 3-D window viewing with a superimposed heads-up display (HUD). More than 30 separate controls are used to regulate flight, engage in combat and surveillance, and maintain plane's electromagnetic profile. Scenarios are based on missions Air Force pilots have flown in training or actual missions. The action moves at Mach speeds on missions in North Africa, Central Europe, the Persian Gulf, and the North Cape of Scandinavia. Provides a constant challenge for beginning and expert game players. Authentic, state-of-the-art weapons and threats with heat-seeking, radar-homing, and video-guided missiles, plus laser-guided and free-fall bombs. $69.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

F-29 Retaliator
Identify the enemy and rock his world. Fly the forward swept-wing F-29, whose advanced avionics are revolutionizing aviation history, or the explosively lethal F-22 Advanced Tactical Fighter. Just log in and the ferocious action begins. Choose a fighter, arm your aircraft, and lead your squadron into the sky. There are four intense battle scenarios and 100 different missions to fly. Dogfight aerial opponents, make surgical strikes against land-based targets, and attack the enemy on sea and land. F-29 features the latest in aerodynamic technology, introducing ECOP controls, backwinder AAMS, supercruise, stealth, and more! Kickstart 1.2,1.3. $19.95
Ocean of America, 1855 O'Toole Ave, Ste D-102, San Jose, CA 95131, (408) 954-0201

◆ **F17 Challenge**
Take pole position at the front of the grid in this exciting arcade-style race game. Race your way through 16 championship around the world and aim to be the F17 champion. Fast-moving graphics together with excellent gameplay make F17 the game to be reckoned with.
Team 17 Software, Prospect House, Borough Road, Wakefield, W. Yorkshire WF1 3AB, England, 011-44-924-291-867

F40 Pursuit Simulator
At the wheel of the fabulous Ferrari F40, tear through four states in search of the quickest way to accomplish your mission. Plan your route carefully from the map of each state displayed on screen. It will show the actual byways that you can speed on. Your Ferrari features the latest radar, enabling you to detect police road blocks. Realistic 3-D road junctions, hills, and superb graphics. $44.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Faces...'Tris III
Faces...'Tris presents players with the task of manuvering and positioning falling pieces. The blocks represent different face segments, from chin to forehead, of famous and not-so-famous people. As various pieces fall randomly from the top of the screen, the challenge is to stack them in the correct order to form a face. Faces features 10 levels of difficulty with different categories of faces for each level. To complicate the face building task, the blocks fall in pairs and move together left to right. The special customizing feature allows players to create and place new faces in the game using a separate paint program. $19.95
Spectrum HoloByte, 2490 Mariner Square Loop, Alameda, CA 94501, (510) 522-3584

Faery Tale Adventure
Guide three brothers on a quest to save the land of Holm from the forces of night. Traverse caverns, mazes, forests, mountains, deserts, islands, castles, and more. Over 19,000 playable screens. 3-D overhead perspective lets you watch as goblins, skeletons, and ogres pursue the brothers. Music changes to foreshadow action, just like in the movies. Adjustable music and sound. $49.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Falcon
Become the pilot of a realistic but playable F-16 simulation. Controls, heads-up display, and radar conform to current avionics of the F-16A. Game includes 12 missions which vary from air to ground bombing runs to dogfighting up to three enemy MiGs at a time. The most outstanding feature is the ability to go head-to-head against an opponent on a second Amiga. Advance from 1st Lt. to Colonel with increasing abilities such as the Immelmann, yo-yo's, loops, and scissors. Incorporates real action sounds, including engine start-up, machine gun, missile launch. Four cockpit views and three tower views, zoom-in and zoom-out features. So realistic, Falcon is being used in a military aircrew training program. See CDTV section also. $49.95
Spectrum HoloByte, 2490 Mariner Square Loop, Alameda, CA 94501, (510) 522-3584

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Entertainment

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Falcon Mission Disk II: Firefight
Your mission: annihilate enemy tanks, trucks, MiGs, Hinds, pontoon bridges, and supply lines–fast! These 12 new heart-pounding missions are guaranteed to test the skill of even the most seasoned Falcon pilot. Wield new weapons and equipment. Air-to-air radar-guided missiles, high-speed anti-radiation missiles, and radar jammers. Achieve tank superiority, and you'll earn the Medal of Honor. $29.95
Spectrum HoloByte, 2490 Mariner Square Loop, Alameda, CA 94501, (510) 522-3584

Falcon Mission Disk: Counterstrike
Falcon Mission Disk gives you the incredible maneuverability and weaponry of your original Falcon F-16 simulation, plus a new set of missions with more enemy vehicles, new terrain, and improved graphics and playability. Your objective: total defeat of the enemy by destroying his industrial and ground assets, while protecting your base from attack. The enemy comes by land, sea and air; you'll have to dig deep into your bag of tricks to repel this attack. It's a whole new world of challenges with the Falcon Mission Disk. Expand your horizons as you go head-to-head with the latest in flight simulations. System requirements: Amiga, 512K RAM, KickStart 1.2 or above, one 3.5-inch disk drive, Monitor, and the original Falcon program in order to run Falcon Mission Disk. PAL compatible. $24.95
Spectrum HoloByte, 2490 Mariner Square Loop, Alameda, CA 94501, (510) 522-3584

Famous European Courses
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Club de Golf Sotogrande, Spain; Chantilly, France; Falsterbo Golfklubb, Sweden; Club Zur Vahr, Germany; and Royal Liverpool (Hoylake), England. No additional charge for foreign orders in U.S. dollars. $15.00
Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

Fantastic Voyage
Based on the 20th Century Fox film, Fantastic Voyage challenges players to make their way through the human bloodstream in order to destroy a bloodclot in the brain, fighting antagonistic white blood cells, antibodies and other hazards along the way. The game features unique organic graphics and sound effects. $49.95
Centaur Software, Inc., 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

Fast Break
Three-on-three basketball with double-clutch, mid-air, off the glass animation. Go to the playbook for 15 offensive and five defensive pro-styles. Design your own plays with the exclusive Playmaker feature. View network television court perspective. $19.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Fast Eddie's Pool and Billiards
A realistic simulation of 14 top pool and billiard games with entertaining graphics and sound. Comes with everything but the pitcher of beer! $34.95
Oxxi, Inc., P.O. Box 90309, Long Beach, CA 90809-0309, (310) 427-1227

Femme Fatale V3.0
Digital puzzle for adults. More pictures and options. Ten exquisite girls digitized in full color. 25 large, full screen images. Five difficulty levels (20, 32, 50, 80, 100 pieces). Digitized feminine voice assistance. Load/Save game options, hints, undo, status. Choose from our superb library of Digitized Data Disks or use your own images. Includes free data disk vol. 9. Entertaining and addictive. $34.95. Data disk bundles, each set with minimum of 20 images, available for $24.95.
Graphic Expressions, P. O. Box 110028, Nutley, NJ 07110, (201) 661-0408

Fiendish Freddy's Big Top O' Fun
Take a satiric, twisted visit to the circus with this arcade-style game, which uses slapstick humor and superior cartoon-style animation. Take center ring on the trapeze or in five other events, but look out for Fiendish Freddy, the cynical circus saboteur who will thwart you at every turn. $49.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Fighter Duel Pro
A professional package for the serious aviator. Included among the 16 Allied and Axis aircraft are Mustang, Spitfire, ME109, and futuristic Japanese J7W Shinden. Connect second computer through main flight computer's parallel port via special FDPro Parallel Adapter which continually displays view to rear of aircraft. Has review mode, unrestricted panorama, mulitple bogeys, catapult launches, more. For all Amigas with Kickstart 1.2 or higher, 1MB. (See also Flight Recorder under Toaster category.) $59.95. Parallel adapter $20 list or $15 direct from Jaeger.
Jaeger Software, 7800 White Cliff Terrace, Rockville, MD 20855, (301) 948-6862

Fighting for Rome
Take command of your own Roman army and pit your skill and strategies against your computer opponent. In this unique miniature-style war game you can recreate classic Roman battles in your own home. Control your armies individually or in groups. Options let you order your troops into formations such as double ranks or squares, and you can command groups to march, run, or charge. By Impressions. Requires 640K RAM, CGA/EGA/VGA, mouse. $29.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Final Conflict
Real time global warfare—that's what The Final Conflict portrays. Picture yourself in a number of tension-packed global situations where a country is trying to face down other countries through diplomacy, threats, or outright nuclear attack. Build tanks, infantry, spies, ships, and missiles. An alarm will sound when your enemies' missiles are within 10 seconds of impact. At five seconds you can go to the missile defense network, a short arcade sequence to let you defend your homelands. Requires 640K RAM, CGA/EGA/VGA, mouse. By Impressions. $29.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Final Mission
Avoid enemies, collect objects. Dig and climb your way through 350 different levels. Dangerous mines, traps, and energy fields will push you to the limit. Excellent graphics, sound, and programming. $14.95
DigiTek Software, 1916 Twisting Lane, Wesley Chapel, FL 33543, (813) 973-7733

Fire Power
Arcade-style tank battle featuring one-to-one playability on split screens—against the computer, against a friend, or over the modem. Smooth scrolling graphics and animation give the game a realistic feel. Sound effects like tank engines, explosions, and helicopters keep you on your toes as you defend against the enemy and its helicopters. Rescue your troops and return them to the first aid stations. Multiple fields and random flag locations allow a variety of strategies. Three tanks to choose from. $24.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Fire and Forget
Earth is in turmoil and you must save it. You're the top commander of the Thunder Master, the world's ultimate fighting machine. Face three levels of six conflicts from guerilla to global war. Let Thunder Master's V-16 triple turbo engine and four-wheel drive speed you through enemy terrain. If you need help, radio to a partner. Let the commander of the magnetic levitation unit Thunder Cloud help you by manning the skies while you take the ground. $39.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Fire and Forget II
Mines, armoured crafts, bombers, jumpers, probes, and suckers will be your opponents. They are all different and use various combat techniques, but they have one common point; they are exterminators. The ability to fly will be your strength, but you will certainly need it to catch up to the head of the convoy before the fatal explosion. $44.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Fireteam 2200
A wargame set in the 23rd century. Can be played against computer opponent,or two player mode on one machine or via modem or direct cable connection. Amiga owners can play with IBM via modem play owners. Offers Line-of-Sight, over 30 Combat Units with 25 different Weapons Systems, and the option to fight alone or command a Fireteam. Bio-Intelligent Battle Computer with automatic Friend or Foe recognition. Datalink to Fireteam Vehicles. With the push of a button you can Scan, Choose a Weapon, Target an Enemy, and Open Fire! Amiga 1000/2000/3000:1MB. Digitized sound effects. Only available directly from R.A.W. Entertainment. $29.95
R.A.W. Entertainment , 957 NASA Road One, Ste. 146, Houston, TX 77058-3098, (713) 286-2386

Flames of Freedom
The climatic disaster that precipitated a new Ice Age has finally diminished. As the ice and snow begin to melt, the people search for a home safe from the rising seas. But there is no paradise to be found, only the Saharan Empire—a brutal, totalitarian regime determined to control and manipulate everything in its path; an empire so powerful it can only be defeated from within. Your mission: promote discontent and revolution among the empire's populace through high-risk undercover operations. $49.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

Flight Simulator II
Cessna 182 single-engine plane flight simulator. Over 120 airports, five scenery areas. Full instrumentation, many features. $49.95
subLOGIC Corporation, 713 Edgebrook Drive, Champaign, IL 61820, (800) 637-4983

Flight of the Intruder
Flying either an A-6 Intruder or F-4 Phantom in the computer simulation, players are sent into combat from their base on the carrier USS Shiloh. The action takes place during the 1972 Linebacker campaign over North Vietnam. It features multiple missions in which the pilot is usually part of a larger operation undertaken by one of several sections of aircraft. Typical enemy targets include bridges, power supply plants, docks, and shipping facilities. To be successful, players must be prepared to run the gauntlet of both air and ground defenses. You may also choose to take on the role of Mission Commander. $59.95
Spectrum HoloByte, 2490 Mariner Square Loop, Alameda, CA 94501, (510) 522-3584

Formula 1 Grand Prix
Six International Circuits. Five different cars. Six-speed gearboxes, lap records, and more. Up to three cars on the track at the same time. $29.95
StarSoft Development Labs, 3500 Aloma Ave. #D-2, Winter Park, FL 32792, (407) 657-7553

Four Crystals of Trazere
The land of Trazere has always been one of enchantment. That enchantment has taken a terrible turn; the Trazerians have been transformed into horrible mutants, bent on wreaking havoc. As your band of four arrives in this normally tranquil countryside, the transmogrification is immediately evident. But how did it happen, and can it be reversed? Four crystals hold the key, but it's up to you to determine how to use them. Requires 512K, Workbench 1.2 or higher. $49.95
Software Toolworks, The , 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Frostbyte
Fast-moving arcade adventure starring Hickey the Kreezer. Help him to free his fellow remaining Kreezers from the goulish monsters who inhabit the planet craters. Fifty different screens, great graphics, and sounds. $29.95
StarSoft Development Labs, 3500 Aloma Ave. #D-2, Winter Park, FL 32792, (407) 657-7553

Full Count Baseball
Strategy simulation so real, you can almost hear the crack of the bat. Comes complete with 78 teams, a stats compiler; one, two, and computer vs. computer play modes; and draft, trade, input players/teams options. $39.99
Data Innovations Inc., 127 N. Front St., Rising Sun, IN 47040, (812) 438-3733

Future Classics Collection
A collection of five entirely new games in one package: Diskman, TankBattle, BlockAlanche, Lost 'N Maze, and Diet Riot. Offers three ways to play each game: Split-Screen for two-player head-

to-head competition; Full Screen for two player game or single player; and Split Screen against one of three computer characters. Each game has 20 to 50 or more levels in each mode. $39.95
Live Studios, Inc., 14 Meadow Wood Dr., Coto De Caza, CA 92679, (714) 661-8337

Future Wars
Graphic adventure game in which the player must crisscross through time to prevent the destruction of Earth in the distant future. See CDTV section also. $49.95
Interplay Productions, 3710 Susan #100, Santa Ana, CA 92714, (714) 553-6655

GRIDIRON!
Football simulation uses digitized audio. Devise and call your own plays. Loaded entirely into RAM and runs in real time with five levels of play. Requires 512K RAM. $39.95
Bethesda Softworks, 1370 Picard Drive, Suite 120, Rockville, MD 20850, (301) 926-8300

Galactic Conqueror
Fast action of a coin-op game and the sophisticated strategy of a computer. Located in the center of the galaxy is Gallion, the supreme headquarters of the stellar league. They have detected an enemy invasion. As the only one with enough experience to handle a strategic conflict, you will be sent to stop the invasion. Which of the 416 planets will be the most important to liberate and aid in the battle? Which planets may not be counted on? Join a training mission at any time, to increase your skills and attain a higher level of performance. $44.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Galactic Invasion
Intergalactic dogfight. Invade the enemy galaxy and capture and destroy their satellite stations. Find material to build the ultimate doomsday weapon. Real-time interactive graphics, digitized stereo sound, computer opponent, 3-D galaxy complete with stars, planets, moons, suns, and asteroid belts. $14.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Gateway to the Savage Frontier
Gateway to the Savage Frontier is Volume 1 in a completely new AD&D computer fantasy role-playing epic. It takes place in the mysterious unexplored territory within TSR's Forgotten Realms game world. Starting in the town of Yarter, you must adventure over a vast area of wilderness on a quest to gather four magical statuettes. With these statuettes you thwart the invasion from across the seemingly impassible Great Desert of Anauroch. Varying degrees of character levels from novice to advanced. $49.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

Gauntlet II
Based on the arcade mega-hit, Gauntlet II brings you superlative graphics, sound, and total excitement. In search of magical treasures, you explore the Dark Dungeons while battling ghosts, demons, fire-breathing dragons, sorcerers, and other deadly foes. Come live the fantasy of the popular legendary characters—Thor, Thyra, Questor, and Merlin. Up to four players can join in on the action at any time during play. $49.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

◆ **Gearworks**
Get ready for some fast-paced fun! Gearworks is an addictive gear game that allows you to transform twelve Wonders of the World into time pieces. This visually innovative game will test your reflexes, engineering skills, and your nerves. Remember, time is tick, tick, ticking away! Just like any other machine there are bugs, in this case poffins, that try to damage the mechanism by by rusting the gears and breaking off the mounting pegs. But there are ways around them, like shooting them, but be careful not to use all your ammunition. There is also an oil can that can 'lube up' any rusted gears. It has been called the 'Tetris' of the 90's. Some have nick-named it 'the hair puller'. $34.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

General Manager Basketball
Featuring the MBA Draft. GM BASKETBALL breaks the mold set by other developers and offers all new challenges in the ULTIMATE basketball simulation. You get a 4-year contract as General Manager and Head Coach. You must use your front office skills and coaching savvy to turn a losing franchise into a contender! Compete with GMs around the league in scouting, drafting, and signing the top college players in the draft. It's never the same game twice because different college players come out every season, resulting in different teams every year! Features: round by round draft picks, agent/salary negotiations, size/speed/stamina ratings, roster editing(cuts), game/season statistics, one or two player mode, exhibition games, MBA playoffs. Requires A500, 512K, Workbench 1.3. $39.95
Mahoney Software Products, 897 Charlotte Dr, Newport News, VA 23601-1068, (804) 591-9330

General Managers Football
Featuring the MFL Draft. Scout, draft, and hopefully sign, the top college players in the draft. Features: super animation, round by round draft picks, agent/salary negotiations, size/speed/stamina ratings, game/season statistics, one or two player mode, exhibition games, and more. For Amiga 500, Workbench 1.3. $39.95
Mahoney Software Products, 897 Charlotte Dr, Newport News, VA 23601-1068, (804) 591-9330

Genghis Khan
Genghis Khan catapults the player into an era of world conquest and domination. There are two separate scenarios–Mongol Conquest and World Conquest–each offering a game system that virtually never puts the player in the same position twice, allowing for endless hours of absorbing game play. As a player you attempt to build an empire. Keep it by making your populace happy, your treasury full, your subordinates loyal, and your enemies at bay. The human side of empire building has not been forgotten. Finding the right way to approach a hostile empress is just as important as training troops in battle. Do not let your guard down, and be ready for a host of problems. $59.95
Koei Corporation, 1 Bay Plaza, Ste. 540, 1350 Bayshore Highway, Burlingame, CA 94010, (415) 348-0200

Gettysburg: The Turning Point
Reenacts the three-day Gettysburg Civil War battle in 42 turns. Command-control system shows the effects of the commanders, ammunition points, fatigue, and other factors. Basic, intermediate, and advanced modes available. Computer allows you to play the Blue or the Grey. $59.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

◆ **Global Domination**
Global Domination is the ultimate multi-player conquest simulation! Play at a simple or advanced level against your friends (via modem) or against one of history's notable conquerers (represented by the computer). Choose from Hitler, Napoleon, Attila the Hun, and more, each with their own unique personality and playing style that affects their strategy. Build up huge armies with your choice of unit types, and decide where to site your attack force. Then invade! $59.95
Impressions Software, 222 Third Street, Suite 0234, Cambridge, MA 02142, (617) 225-0500

Global Effect
Should you take a turn saving the Earth? You may choose to save, rule, or create a world. Spread before a massive game area of 64,000 separate locations, Global Effect simulates the interactions of economical, industrial, environmental, and military factors in managing world balance. You need to take into account other players and the broader backdrop of environmental balance. Most options available to the governments of the world will be available to you, the leader of a task force sent on government missions to secure distant worlds for the growing galactic civilization. Developed by Millenium. $49.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Globulus
A unique combination of action and strategy on a 3-D isometric maze. Puzzling fun for all! $29.95
Innerprise Software, Inc., 1818 Potspring Road #30, Timonium, MD 21093, (410) 560-2434

Gods
From Konami and Renegade. Ancient Greece has been taken over by the forces of darkness. As powerful Hercules, players battle through four action-packed levels to achieve immortality. Each level has three worlds of adversaries and puzzles. Progression puzzles must be solved; reward puzzles are helpful in advancing. $39.95
Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Gold Rush
Historical adventure follows a 49er from New York to California. Three different games, one for each path the miner follows. $39.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Golden Axe
The Death Adder is tyrannizing the people of Yuria. Only three heroes have the strength to stop the ruthless tyrant and regain the throne. Tyris-Flare, a beautiful and powerful amazon is empowered by a special fire magic. Gilius-Thunderhead rumbles and tumbles to the scene with his astonishing combination of lighting power and gymnastics skills. And the Axe Battler has sharpened his giant sword for battle. You must choose which challenger to send into the dreaded path of the Death Adder. Your weapons range from razor-sharp swords to curtains of fire. You can even joust with your foes. Remember, one dose of magic can wipe away an acre of evil. $49.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Grand Prix Circuit
You do more than drive a car. Qualify in races against the clock, single races against nine computer drivers who have unique personalities and characteristics; and ultimately the World Driving Championship where they race on all eight tracks. $24.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Graphic Adventure Collection
Three award-winning graphic adventures: Deja Vu, Uninvited, and Shadowgate. $49.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Great Naval Batles: North Atlantic 1939-1943
Experience high end WWII Navy combat simulation. Stunning cinematics, dynamic sound effects, on-line documentary database, extensive historical viewpoint. Choose among three levels of play in either campaign or scenario mode. Watch out for storms because weather, time of day, and time of year impact game play! $69.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

Great Resort Courses
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Muirfield Village (Dublin, OH); Mission Hills (Rancho Mirage, CA); Eagle Ridge (Galena, IL); Dorado Beach (Puerto Rico); Banff Springs Hotel Course (Canada). No additional charge for foreign orders in U.S. dollars. $15.00
Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

Greens
The definitive golf simulation. Accurately recreates fairways and greens of every hole with stunning 3-D technology that lets you move anywhere around the course. Follow the ball as it flies through the air and watch from numerous selectable TV viewing positions. Accurately modelled club and ball dynamics, choice of club selection, ball and foot positions, swing, varying course conditions. Actually improve your own golf game!
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

Greg Norman's Shark Attack! The Ultimate Golf Simulator
It's professional golf at its best with Greg Norman. A state-of-the-art golf graphics better than ever seen before. Just a few of the many features: 3-D perspective, adjustable weather conditions, nu-

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merous game types. $39.99
Virgin Games, Inc., 18061 Fitch Ave., Irvine, CA 92714, (714) 833-8710

Guerilla In Bolivia
A strategic simulation with action sequences. The game is inspired by the diaries of Che Guevara. Leading a guerilla troop is a dangerous and demanding challenge. You must take on government troops and manage the daily survival of your followers. The simulation takes place across the whole of Bolivia, and you have six detailed maps as used by Che himself. You will have to deal with ambushes, clashes with militia, sort out the food and provisions for your men, train any new recruits, and run a Guerilla campaign. You start with 15 fighting men, the core of Che Guevara's operational unit. $45.00
Cases Computer Simulations Ltd., 642 Lea Bridge Road, London, E10 6AP, England, (011) 4481-558-5274

Gun Shoot
Shoot 12 different criminals; but don't touch the civilians. Includes two-player mode and digitized sound. $14.95
DigiTek Software, 1916 Twisting Lane, Wesley Chapel, FL 33543, (813) 973-7733

Gunboat: River Combat Simulation
Twisted jungle rivers and tight-quarters combat combine for one-of-a-kind adventure in Gunboat: River Combat Simulation. Enter three sweltering combat zones; operate a U.S. Navy River Patrol Boat in over 20 missions; step into the abyss known as Riverine Operations; get a first-person perspective from four battle stations; open fire with authentic gunboat weaponry; experience explosive 3-D realism. $49.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Gunship
Gunship, a combat helicopter simulation, puts the player at the controls of the world's finest attack helicopter, the U.S. Army's AH-64A Apache. The gunship arsenal boasts Hellfire and Sidewinder missiles, Folding Fin aerial rockets, and a 30mm cannon capable of firing 625 rounds per minute. To make the game challenging for novices and combat simulation experts, Gunship offers a variety of skill and reality levels, mission types, and specific mission objectives. $54.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

Guy Spy
Being the world's greatest counter-espionage agent, you, Guy Spy, have been chosen to carry out your government's most important orders—destroy the doomsday machine of the evil Von Max. You have very little to go on other than it is known that Von Max is currently located in Berlin and if you don't get there quickly he will surely be on his way to collect the fabled crystals that he needs to tap into an immense power source. Intelligence reports have linked Von Max to a terrorist group that would love to hold the world for ransom with the power locked in the crystals. Your orders are to stop Von Max at any cost...before it's too late. Features classical cartoon animation with full control over the animated characters. $49.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

◆ Guy Spy, The Terror of the Deep
The mysterious disappearance of secret military hardware causes the United Nations to mobilize their greatest operative, Guy Spy. Sent into the depths of the ocean aboard a nuclear submarine, Guy Spy encounters the cunning Captain Moray who commands a fleet of futuristic submarines capable of destroying the most modern war machines. Despite every international effort, the evil madman has prevailed, threatening world wide destuction. If the countries of the world can't come up with 1 trillion dollars, Moray will use his deadly laser satellite to obliterate the major cities of the world. With the laser satellite looming in low Earth orbit, Guy Spy must first infiltrate Captain Moray's heavily fortified submarine base, engage in a frantic submarine chase through treacherous underwater caverns, hurtle into space in an attempt to destroy the satellite, and discover the startling truth about The Terror of the Deep. $59.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

Hard Nova
In Hard Nova you assume the identity of the toughest mercenary in the frontier systems, a woman called Nova (or a man called Stark). Dangerous, high-paying jobs flourish on the frontier: run guns, kidnap world leaders, assassinate high-profile corporate presidents, or engage in full-scale guerrilla warfare. It features three different real-time combat systems. Fight indoors with blasters and grenades. Dogfight in hoverships as you hug the contours of a rocky planet. Fire mega-cannons and guided missiles in large-scale space combat. $49.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

HardBall II
Sports simulation. Sequel to HardBall!, the world's best selling computer baseball game. HardBall II allows you to make coaching decisions based upon players' game performances, as well as historical data. $49.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Hare Raising Havoc
Our hero Roger is left in charge of Baby Herman by Mommy, but faster than you can say rubber baby buggy bumper, Baby Herman has disappeared! Players will have to help Roger escape from a seemingly endless string of predicaments to bring Baby Herman back before Mommy returns home. Can Roger find Baby Herman in time? Has he been kidnapped? Why would any responsible parent leave their child with a cartoon rabbit? These questions and more are waiting to be answered in Hare Raising Havoc. $49.95
Walt Disney Computer Software, Inc., 500 S. Buena Vista Street, Burbank, CA 91521, (818) 973-4390 sales

Harley-Davidson: The Road to Sturgis
Jump on your HOG and hit the road to the biggest rally of the year in this adventure/driving combination. Compete in real Harley events, customize your bike, and party with the brothers as you improve your biker ranking. A few too many speeding tickets, blown tires, and bad decisions could leave you eating dust instead of burning rubber! $39.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Harpoon
Harpoon is a contemporary naval wargame. It has 16-color, 640 x 200 medium resolution graphics and complete digitized sound. Also available is a Scenery Editor $39.95 and two additional battle sets—North Atlantic Convoy and Mediterranian Sea $29.95. $59.95
Three-Sixty, Inc., Distributed by Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Harpoon Challenger Pack, Signature Edition
Includes Harpoon master game, BattleSets 2,3,4, and Scenario Editor. Also includes Harpoon rev 1.3, providing user with most current technology. $79.95
Three-Sixty, Inc., Distributed by Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Harpoon's BattleSet #2
BattleSet #2, North Atlantic Convoy provides Harpoon owners with 16 additional scenarios in the strategically important area of the North Atlantic. As the war continues, the early attrition on both land and sea is devastating. Without the ability to get men and material from the Americas to the European theaters of combat quickly and without excessive losses, NATO will lose the war and Russia will dominate the world. As the commander of NATO's North Atlantic Naval Task Force, you are called upon to determine how best to utilize the forces under your control to ensure replenishment of the European theaters. You make the decisions that determine who wins or loses World War III. $29.95
Three-Sixty, Inc., Distributed by Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Harpoon's BattleSet #3
The Med Conflict, focusing on the world's hottest confrontational geography in the winter of 1990, is the latest data disk from Three-Sixty for its Harpoon Simulation. It provides a fascinating view of the possible action behind the current international news headlines. Most of the scenarios focus on the region's smaller countries and their potential conflicts, not those of the super powers. Features include 16 scenarios, 60 new platforms, including hydrofoils, helicopter cruisers, German type 209 submarines, and a variety of small combatants. $29.95
Three-Sixty, Inc., Distributed by Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Harpoon's BattleSet #4
Indian Ocean/Persian Gulf. As the situation unfolds, the precious oil resources of the Persian Gulf are in danger of falling into the hands of madmen. The naval forces at your command are the only safeguard against global economic collapse and the destruction of freedom in the region. New Soviet Kusnetsov, French de Gaube, and new Indian carriers. Regional forces from over 24 countries. Several new submarines, including Soviet Alfa, Indian Type 1500, and Indonesian Type 1300. Air forces augmented by new Soviet MiG-31 and Yak-141, American F-117A, F-15E, B52, and international SU-17 and SU 7BMK. Emphasizes key strengths and weaknesses of submarine warfare and demonstrates role of surface combatants. Requires 1MB. $39.95
Three-Sixty, Inc., Distributed by Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Harrier Combat Simulator
Strap yourself into the most sophisticated and deadly close-range combat aircraft of today—the Harrier jump jet. Fly this ultra-realistic plane to destroy the enemy headquarters 500 miles away. You'll need all of your skills to conquer enemy air and ground forces in this exciting flight simulator/combat game. $49.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Harrier Mission
Land on a carrier, hover, and evade missiles. Shoot the enemy down with a heat-seeking missile or gunnery skills. Avoid being shot and make sure you've got enough fuel to return to the carrier. $24.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Hawaiian Odyssey Scenery Adventure
Explore a tropical paradise with Hawaiian Odyssey. This enhancement disk can be used with all subLOGIC flight simulation products. Hawaii's natural beauty makes it the perfect area for both visual flight sightseeing and VFR or IFR cross-country navigation. Hawaiian Odyssey also offers the very first structured subLOGIC scenery adventure. Locating the secret jewel of the goddess Pele from the cockpit of your aircraft isn't as simple as spotting an object from a distance and then flying toward it; you must find and follow an intricate set of clues scattered about the Hawaiian Islands that will guide you to your goal. 'Hawaiian Odyssey' is an add-on disk designed to expand the flying environment of all subLOGIC integrated flight line products. You must have a subLOGIC flight simulation program in order to use this disk. $29.95
subLOGIC Corporation, 713 Edgebrook Drive, Champaign, IL 61820, (800) 637-4983

Heat Wave
Offshore superboat racing simulation. Experience the speed and danger of real offshore racing in a 600 HP superboat. Actual races set in Miami, along the Mississippi, Biscayne Bay, and Ft. Lauderdale. $29.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Highway Patrol II
Summer 1989 on a hot day. You are parked on the side of an interstate in Arizona with the air conditioning on high. From the radio comes an APB, 'alert to all units, a fugitive killer has escaped and is driving eastbound on Interstate 10 towards the state line. Use caution.' Highway Patrol II gives you full simulator power. You control the sliding car, U-turns, tail-spins. Watch out for flat tires and

empty fuel tanks. You will have to drive very fast and to catch the villians you may leave the road and drive through the desert, but the use of your compass and your map is mandatory. $44.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Hill Street Blues
Simulated city of Hill Street has intelligent traffic system with smooth flow of up to 400 vehicles. Over 400 computer-controlled pedestrians, including criminals. As Captain Frank Furillo, you deploy police officers, increase the crime detection rate, and reduce the number of crimes committed, or else be fired by the mayor. And remember, let's be careful out there! $39.95
DigiTek Software, 1916 Twisting Lane, Wesley Chapel, FL 33543, (813) 973-7733

◆ Hired Guns
Any mission, any where, any time... for a price. With this as your creed you can wind up in some pretty tough locations. Graveyard is just such a place; a small moon, orbiting a planet called Yalhoth in the Luyten System. Your team's current mission: to extract members of an extreme political group being held captive by a rival faction. With this objective in mind you battle your way through over 20 theaters of engagement, encountering a variety of adversaries and dispatching them with efficiency. Collecting weapons, scanners, manipulators and food, you and your team work your way through Graveyard, in pursuit of your objective. Will your team survive? Can you liberate the hostages? Enlist with the Hired Guns and test your skills. $59.99
Psygnosis Limited, 675 Massachusetts Ave., Cambridge, MA 02139, (617) 497-5457

Hockey League Simulator
Become coach and general manager of your own hockey league. From first draft through the Stanley Cup playoffs, you make the key decisions. The HLS provides sophisticated, but easy-to-use tools for designing league statistics, including overall standings, leading defensemen, and team power play results, to name just a few. $39.95
Media Technology Limited, 1370 Picard Drive, Ste 120, Rockville, MD 20850, (301) 926-8300

Hoi
Hoi is an advanced game of strategy and reflexes made to challenge your arcade skills. Five levels of many obstacles, puzzles, and foes to evade and defeat. NTSC/PAL. Requires 512K, joystick, keyboard, mouse. WARNING: The stroboscopic effect used in the fifth and final level could trigger EPILEPTIC seizures. If you're at risk, don't play level 5. $39.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Hole-in-One Miniature Golf
From classic holes to the bizarre, Hole-in-One Miniature Golf uses point-and-click interface to provide fun and excitement for all ages, with as many as four players at once. Two-disk set comes complete with four 18-hole courses and a tutorial course for a total of 90 exciting holes. From the traditional windmill to the inside of a pinball machine. Features multitasking, installable on hard drive, VDO:, in RAM. Scorecard printout on any Amiga compatible printer. Extra course disks available. Various holes can be viewed from different perspectives. $39.95
DigiTek Software, 1916 Twisting Lane, Wesley Chapel, FL 33543, (813) 973-7733

Hole-in-One Miniature Golf Extra Course Disk #3
The additional course disk for Hole-in-One Miniature Golf comes with three more breathtaking courses that give you a total of 54 more exciting holes. Fight gravity, magnetism and disappearances in the holes of Out of This World; enjoy the visually stunning and amazingly realistic holes in Holidays, a journey through holidays of the year; and have fun with the hilarious and educational holes in Alphabet Soup. $19.95
DigiTek Software, 1916 Twisting Lane, Wesley Chapel, FL 33543, (813) 973-7733

Hook
Peter Banning is a respectable, hard-working married man with two children—but his long-forgotten past has come back to haunt him. He was Peter Pan! His two children have been kidnapped by his old adversary, Captain Hook, and Peter must travel to Neverland to rescue them and recapture his lost youth. Kickstart 1.2, 1.3. $49.95
Ocean of America, 1855 O'Toole Ave, Ste D-102, San Jose, CA 95131, (408) 954-0201

Hostage
Control a six-person strike team assigned to rescue embassy hostages being held by terrorists in this action/strategy game. Change perspectives instantly with a unique interface. Quick thinking determines which rescuer to maneuver. TV-news quality graphics and easy-to-use controls create an ultra-realistic experience. $44.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

HoverForce
Set in the genetically engineered future of 2050, HoverForce pits players against Alterants—a deadly and powerful new class of biotechnically-created crime lords. These mutant gangsters traffic in 'Aftershock,' a dangerous new substance more addictive than any known drug. To combat this new race of super-criminal, public officials have created an elite class of genetically enhanced public enforcers known as the Red Wasp Unit, and trained them in the use of the Hoversled 1000—an electrifying flying arsenal with such unimaginable speed, power, and maneuverability that it's no surprise the Alterants too use the craft. You manage the firepower, study the maps, then blast mutants and agile spider mines at the speed of thought. $49.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Hoyle's Book of Games Volume 2: Solitare
A true card player's delight, with 28 different solitare games in one easy-to-play package, the game can be played with mouse, keyboard or joystick. Play familiar favorites like Klondike, Canfield, and Pyramid, to lesser known games such as Eliminator, with easy and hard variations on each game. Requires 1 MB. $34.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Hoyle's Book of Games: Volume 3
Six new games of strategy and skill—Backgammon, Pachisi, Yacht, Dominoes, Checkers, and Snakes and Ladders—differentiate Hoyle 3 from its predecessors. New multiplayer option lets you play in head-to-head competition. You can still challenge 18 different animated computer competitors as in Hoyle 1. Stereo soundtrack, crazy sound effects, applause for the winner, brilliantly hand-painted gameboards. Two low density disks, hard disk installable. Requires 1MB, Workbench 1.2 or greater. Supports Amiga 4-voice sound. $49.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Hoyle's Book Of Games™ Volume One
Learn and practice six popular card games, from Gin Rummy and Old Maid to Hearts, Cribbage, and Klondike Solitaire. Sierra's high-resolution graphics add to your game enjoyment. You'll enjoy using the highly detailed and realistic playing cards as you test your skills against 18 opposing players, including many Sierra game characters. Play Hearts with King Quest IV's King Graham or Gin Rummy with Princess Rosella, or Crazy 8's with Roger Wilco, hero of the Space Quest games. Or challenge yourself with a game of Klondike Solitaire. It's a point- and- click interface, or you can play it with arrow keys, so any small child can get the hang of it! Requires 1 MB. Will be available for CDTV. $34.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

◆❷ Indiana Jones and the Fate of Atlantis
fate of Atlantis is the largets and most complex game ever published by LucasArts Games. It has over 200 rooms, and artists rendered more than 100 pieces of original background art. The game also features adavnced animation techniques.Starring Indiana Jones and introducing Madame Sophia Hapgood, Fate of Atlantis is an exciting world-wide race to find the potent magic of Atlantis—before the Third Reich unleashes the Lost City's power for evil. Indiana jones and the Fate of Atlantis is available for all Amiga models. The game can be played off of floppies or hard drive. Fate of Atlantis works under Kickstart 1.2 or higher.
Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

Indiana Jones and the Temple of Doom
Fight off Thuggee henchmen, cobras, and bats as you attempt to free the imprisoned children in this popular arcade game. Then prepare for a desperate ride on a mine railway, and a battle inside the temple itself. $49.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Indiana Jones™ And The Last Crusade –The Action Game
You lash snakes around the gargoyle. As the Nazi searchlight sweeps upward, you swing to the tower window. It takes two-fisted courage and whip-quick reflexes to get Indy past murderous grave robbers, fanatical Nazis, and medieval mantraps in this classic arcade action game. Whip, punch, and dash your way through four levels to score high in excitement. Plenty of non-stop action. $39.95
Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

Indiana Jones™ And The Last Crusade –The Graphic Adventure
Join Dr.Indiana Jones on challenging new adventures in his daring quest for The Holy Grail. Try to surpass Indy himself in courage and cunning, and build your I.Q. (Indy Quotient) score. An exciting battle of wits with stunning 3-D graphics, sound effects, and movie theme music. $49.95
Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

Indianapolis 500: The Simulation
Players compete against 32 other cars in races ranging from 10 laps to the full 200 lap race. You can also practice before the race and then enter the qualifying rounds to try for the Pole position. Eight different systems on the car can be adjusted and saved to disk for later use, including shock settings, wing angles, and tire selection. Accidents on the course create spectacular special effects and can be viewed from multiple angles using Instant Replay. Create and save up to three custom cars or join one of three teams. $49.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Indoor Sports
Turn your computer into an electronic game room, with versions of bowling, darts, air hockey, and ping-pong. Play against the computer or against a friend. $49.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

International Sports Challenge
This sports simulation has six different sports and 21 separate events to stretch your sporting skills to the limit. Four swimming events are included, each allowing you to control the stroke, the athletes' breathing and end of lane turns. There are four cycling events where you control balance, steering, and speed. Show jumping offers the horse enthusiast a stunning view from the saddle as you complete four challenging courses. The diving competition allows you to compete in three events, including high diving, and allows you 50 different dives to choose from. Four different shooting events allow you to make use of your steady hand. The marathon makes an intriguing link between events, but pace yourself carefully. $49.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

Jack Nicklaus Presents The Major Championship Courses of 1989
Jack Nicklaus Presents The Major Championship Courses of 1989, is the second in a series of golf simulations created in association with Jack Nicklaus Productions. It is an add-on accessory disk exclusively for use with Jack Nicklaus' Greatest 18 Holes of Major Championship Golf and contains simulations of the host courses of this year's U.S. Open, PGA and British Open Championships. With this new add-on accessory disk, computer golfers are provided with simulations of three distinguished courses of this year's championships including Oak Hill, Kemper Lakes, and Royal Troon. Each of the three courses will provide computer golfers with distinct scenery and challenges where they can compete like the pros did during this year's Majors, and perhaps beat the score of the winners. $21.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

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Entertainment

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Last Minute Additions

Jack Nicklaus Presents the Great Championship Courses of 1990
Exclusively for use with Jack Nicklaus' Unlimited Golf & Course Design and Jack Nicklaus' Greatest 18 Holes of Major Championship Golf, this add-on course disk contains the grand slam course of 1990 including Medinah Country Club in Illinois, Shoal Creek in Alabama and St. Andrews in Scotland. $21.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Jack Nicklaus Presents the Great Courses of the U.S. Open
Number four in a series of add-on course disks exclusively for use with Jack Nicklaus' Unlimited Golf & Course Design and Jack Nicklaus' Greatest 18 Holes of Major Championship Golf. The new course disk contains three of the most challenging and popular courses to ever host the U.S. Open including Pebble Beach Golf Links, Oakmont Country Club, and Baltusrol Golf Club. $21.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Jack Nicklaus Presents the Major Championship Courses of 1991
This is the fifth in a series of add-on course disks exclusively for use with Jack Nicklaus' Greatest 18 Holes of Major Championship Golf and Nicklaus' Unlimited Golf & Course Design. It contains simulations of the host grand slam courses of this year's U.S. Open, Hazeltine National Golf Club; British Open, Royal Birkdale Golf Club; and PGA Championship, Crooked Stick Golf Club. $21.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Jack Nicklaus' Course Designers Clip Art v1
Contains more than 70 finished course objects, three new land plots and nine new scenic backgrounds for creating beautiful and challenging courses applicable to any climate. The Clip Art disk also adds a bonus 18-hole championship course, Desert Highlands Golf Club in Arizona, to the collection of add-on courses for Jack Nicklaus' Unlimited Golf & Course Design. The disk includes a selection of land plots representing three different geographic locales–a seaside vista, lush parkland, and a stark desert atmosphere, each with its own distinctive background which can be exchanged with up to six additional scenic horizons for a total tailored look. A wide collection of finished objects such as trees, cacti, rocks, and animals as well as golf carts, clubhouses, fountains–even a ball washer–helps course architects add the perfect finishing touches to their designs. $24.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Jack Nicklaus' Unlimited Golf & Course Design
This newest computer golf simulation contains all the realistic elements of championship play as well as all the tools needed to easily design challenging and visually stunning holes and courses. Included within this simulation is The Bear's Track, an oceanfront 18-hole course designed by Jack Nicklaus and his team exclusively for this new product, and a re-creation of Muirfield Village, another course designed by Jack Niclaus and site of The Memorial Tournament. Among the features included are Instant Replay, Reverse Angle Replay, and an optional Break Grid that can be played over the green for easier interpretation of the break. Using Jack Nicklaus' Course Design, computer golfers can build their own championship layouts or re-create favorite holes they have seen or played. $59.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Jack Nicklaus' Greatest 18 Holes of Golf
Players play against a computerized Jack Nicklaus on 18 of his favorite holes or try their hand at two original Nicklaus-designed courses. Play with four people or a variety of computerized men and women. Skins scoring or stroke play; pro, men's or ladies' tees; wind intensity and direction; uphill; downhill. $49.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Jack Nicklaus' International Courses
Three international courses to be played with Jack Nicklaus' Greatest 18 Holes of Major Championship Golf, offering computer golfers a fantasy vacation overseas with the opportunity to play on precise simulations of three championship courses designed by Jack Nicklaus in Australia, Japan, and England. $21.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

◆ **Jack The Ripper**
Starting at Buck's Row, August 31, 1888, you try to find the killer of Mary Ann Nickols. Search for clues, read the newspaper, interview people and put information in your notebook. Travel to many locations, then go to your strudy and make deductions from your premises. Each murder brings a new supply of historically-accurate clues, characters, and images. $59.95
Intergalactic Development, Inc., 1427 Washington St., Davenport, IA 52804, (319) 323-5293

James Bond: The Stealth Affair
A graphic adventure game in which the player takes the role of James Bond and must find the missing Stealth Bomber. $54.95
Interplay Productions, 3710 Susan #100, Santa Ana, CA 92714, (714) 553-6655

James Clavell's Shogun
As John Blackthorne, the charismatic lead character in James Clavell's novel, the player enters the 16th century. Blackthorne, an English sea pilot, has embarked on an unchartered route to Japan. Upon reaching land, he is thrust into the upper echelons of feudal Japan society at the moment a political power struggle is erupting between two Japanese regents who aspire to be Shogun. While adapting to this exotic culture, the player befriends one of the regents, Toranaga, and falls in love with the lovely court translator, Mariko. The action of the story revolves around powerful political forces which influence and ultimately control the player's life and the lives of Toranaga and Mariko. Shogun catapults players into a world rich in Japanese history and culture. Shogun's graphics are in traditional, 16th-century Japanese style and are used as text borders and story illustrations. Rewards are given for solved puzzles and successfully handled situations. $19.95
Infocom, Division of Activision, 11440 San Vicente Blvd., Ste 300, Los Angeles, CA 90049, (310) 207-4500

Japan Scenery Disk
For subLOGIC flight simulation products. Covers detailed scenery from Tokyo to Osaka. Delightful international adventure. $29.95
subLOGIC Corporation, 713 Edgebrook Drive, Champaign, IL 61820, (800) 637-4983

Jigsaw
An interactive puzzle which breaks a picture into pieces and lets you put them back together. For younger users, it provides an environment in which to develop visual perception, language, matching and sequencing skils, and concepts of rotation. Features include on-disk interactive manual, simple pick and place, difficulty levels ranging from six to 80 pieces, click on text to hear it spoken, variable startup conditions, add your own pictures, and create fixed grid pictures. £19.99 $30.00
Think Limited, Prudential Buildings, 46C High Street, Erdington, Birmingham, West Midlands, B23 6RH England, (011) 4421-384-4168

Jigsaw Puzzlemania
Every puzzle is cut into authentic jigsaw shapes. Ideal for all age groups, each puzzle can be played in six different sizes ranging from 4x4 to a challenging 12x12 (144 pieces). Players are timed and wrong moves result in a penalty. Comes with over 10 puzzles and the ability to accept the user's graphics, allowing the creation of personalized puzzles. $19.95
Artworx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-6573

Jockey Competition Option Module
The Jockey Competition Module involves you in a tough tournament and carrier battle as you pit your skills as a jockey against 14 other computer jockey opponents. Plot strategies and develop your career as you select exactly which thoroughbreds to ride to victory. This module provides detailed records and ever-changing stats. It also turns on existing code within all Track Modules to now allow you to actually control the horse you're riding in each race. Existing Tracks 1 and 2 allow this action through joystick or keyboard control while displaying side and overhead views. $14.95
SportTime Computer Software, 3941-E So. Bristol St. Ste. 551, Santa Ana, CA 92704, (714) 966-0207

Joe Blade
Rescue six world leaders being held hostage by the leader of an infamous group of terrorists, Crax Bloodfinger. Joe Blade must fight the perils of danger, disarm six bombs before they explode, collect keys to cells, ammo, and food. Great color graphics. $14.95
DigiTek Software, 1916 Twisting Lane, Wesley Chapel, FL 33543, (813) 973-7733

John Madden Football
Combines superbly rendered graphics and animation with realistic sound effects to recreate the hard-hitting intensity of the world's best collision sport. Features 17 pro-caliber teams including the All-Madden team. Each player rated on key attributes, skill positions rated in up to 11 areas, and interior linemen in up to six areas. See strengths and weaknesses of team before getting on the field, and adjust game plan accordingly. Requires 512K,1MB or more for enhanced sound; Kickstart 1.2 or higher, joystick recommended, one or two players. $49.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Journey
Journey is a graphically-illustrated world of dwarfs, elves, nymphs, and wizards in a despairing village that has been enduring great suffering for five years. When all hope begins to fade, a party is sent out on a quest for the revered wisdom of a great wizard, Astrix. As an apprentice food merchant, the player accompanies the party and keeps a diary of their journey. The player shares in the magical adventures of Tag, Praxix, Bergon, Esher, and Minar as they solve puzzles, overcome obstacles, and explore unknown lands. Journey players pass into the adventure with ease by simply selecting commands from a menu. Since each character can act on his own, he must play the part of a combat strategist, physician, magician, and character judge—all while pursuing the defeat of evil which has infested the land. $29.95
Infocom, Division of Activision, 11440 San Vicente Blvd., Ste 300, Los Angeles, CA 90049, (310) 207-4500

KNIGHT FORCE
The kingdom of Belloth is the crossroad of time and space, with each gate being the entrance to the past and the future times. Princess Tanya has been seized by the sorcerer, Red Sabbath. You will travel through time to collect the magic amulets to be able to fight Red Sabbath and his clones. Your enemies are the guards of the sorcerer who resides in the magic castle. Game played over five time zones, including prehistoric, medieval, and present day. Outstanding backdrops, realistic graphics, and animation including: castles, caverns, urchins, skeletons, and other mystical creatures. $44.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

● **Kaleidokubes**
Kaleidokubes is an addictive mind-bender whose game concept appears simple, but becomes more complex as the game board fills and the game clock winds down. Similar to a color dominoes, your goal is to match the color sides of a randomly generated kube with the kubes already placed on the playing board. The more sides you can match, the greater your score. You can play against the computer, another person, or in solitare mode in which you play against the clock. You can also design and save your own playing boards. Features three levels of difficulty and digitized sound effects. $19.95
Artworx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-6573

Kampfgruppe
Tactical WWII game featuring all the weapons used on the Russian Front from 1941-1945. $59.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

Keith Van Eron's Pro Soccer
Keith Van Eron, goalkeeper for the outdoor soccer powerhouse Dallas Tornado and a living MISL legend, played every game of his career on the

edge. Keith Van Eron's Pro Soccer gives you the same chance. Featuring a unique, 3-D view of the action and players that not only kick the ball, but dive, slide, and jump in the air after it, Keith Van Eron's Pro Soccer will provide endless hours of fun, whether you're playing a solitary game, or challenging a group of friends to a World Cup Tournament or grueling MISL season-long schedule. Soccer playing tips (complete with photographs) are provided in the manual. $34.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

Killing Cloud
Players assume the role of a high-flying San Francisco police officer in the year 1997. The Killing Cloud, a 100-foot thick mass of pollution, covers the earth. One breath of its fumes is fatal. The player must transport survivors to safety above the cloud in a XB500 hoverbike. Crime is rampant as all the old street gangs unite to form the Black Angels. The ultimate mission is to gain information on the Black Angels, break the stronghold they have on the city, and uncover the sinister mystery of the cloud. $19.95
Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

King's Bounty
Taking the part of a legendary hero/heroine, you will explore four unique continents, raise vast armies, and siege dozens of castles. You will be pitting yourself against a variety of evil villains while you try to recover the Kings stolen Scepter Of Power. Fantastic graphics, the ability to save at any time, and transparent interface make this an easy-to-play, fun, and challenging game. $49.95
New World Computing Inc., Distributed by Electronic Arts, 20301 Ventura Blvd., Ste. 200, Woodland Hills, CA 91364, (800) 245-4525

King's Quest I
Remember how much fun you had playing your first adventure game? Sierra is out to revive those memories with its re-release of King's Quest I. Every background picture and animation cel has been completely redesigned and redrawn, and all text rewritten to tell the game's story as vividly as possible. The addition of a fully orchestrated soundtrack has been added to enhance the gaming experience. Take on the role of brave Sir Graham, in a quest to restore three magical treasures to the land of Daventry. Outwit a troll, duck a thief, defeat a leprechaun–get all the same fun of the old game including mind-bending puzzles. $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

King's Quest V
Fans of the series will be happy to note the return of King Graham of Daventry, hero of two previous King's Quest games. In a sudden turn from his serene and untroubled life in the peaceful kingdom of Daventry, Graham must once again don his adventurer's cap to rescue his queen and his son and daughter, who have been kidnapped by the evil and powerful magician, Mordack. With the help of a kindly old wizard and a talking owl, Graham journeys to far lands on the most exciting and perilous quest of his life. $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

◆ King's Ransom
Once upon a time the great wizards of the past united to banish all the evil of the world. The evil forces were condemned to dwell forever within the Crystal Cage hidden in a remote mountain. As time has passed the forces of evil have grown until their escape now seems imminent. Small bands of vicious creatures have recently attacked many of the small villages of your country, forewarning of the mass destruction to come. You must locate the hidden residence of the imprisoned evil forces and see that they remain captive, or all will be lost forever. $59.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

King's Quest II: Romancing the Throne
Join King Graham on a search for three magic keys to an enchanted land. Fly on a magic carpet, meet King Neptune and Dracula, and rescue the woman of King Graham's dreams. $49.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

King's Quest III: To Heir Is Human
Help Gwydion break free of an evil wizard. Meet merry sailors, Medusa, and the Abominable Snowman. New self-mapped system keeps track of where you've been. $49.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

King's Quest IV: The Perils of Rosella
King's Quest IV will be the first computer game to exploit the new higher graphics resolution of today's machines. A virtual army of artists, musicians, and programmers have combined their talents to make King's Quest IV a truly incredible experience. Requires 1 MB. $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Knights of Legend
Interact with hundreds of colorful residents in Ashtalarea. Undertake 24 different quests and face a wide variety of terrifying foes. Design the weapons and spells that you will use to defeat your challengers. The first fantasy role-playing game to offer a modular design. Over 300 bit-mapped pictures, including 100 character portraits, 90 towns, hamlets and shop illustrations, and 32 monster illustrations. Create up to six characters and customize weapons and armor, a possible 729 combinations. $49.95
Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Knights of the Crystallion
The Knights of the Crystallion takes players to Orodrid, a city hollowed out from the skeletal remains of a gargantuan beast in whose massive skull waits the Crystallion, a mystical, crystal horse of uncommon beauty, strength and intelligence. Players who excel at five separate quests are given the means to hatch the Crystallion from its crystal egg, harness its powers, and join the ranks of The Knights of the Crystallion, whose honor it is to lead the great city. Each of the five quests is designed to help the player become more in tune with the culture of Orodrid, a society rich in music, art, poetry, politics, and religion. $59.95
U.S. Gold, Distributed by Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (415) 513-8929

Knights of the Sky
A simulation of aerial combat and gallantry in World War I. You are a hunter stalking Germany's most celebrated pilots, including the infamous Baron Manfred von Richthofen. Using news and intelligence reports as well as your own intuition, you track down the 16 men whose successes diminish your own. In the gallant tradition of the ancient knights, you challenge each to determine who is truly World War I's Ace of Aces. $59.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

Koshan Conspiracy
The Confederation of Galaxies has contacted the Bureau of Astral Troubleshooters (B.A.T.) because the unscrupulous Koshan holds an almost complete monopoly of the precious material Echiatone 21. Sylvia Hadford, a B.A.T. agent, falls victim to a murder attempt while trying to infiltrate the Koshan. The B.A.T. sends a new agent: Jehan Menasis, in this case, you. Available late September 1992.
UBI Soft, 1505 Bridgeway, Ste 105, Sausalito, CA 94965, (415) 332-8749

Larry 5: Passionate Patti Does a Little Undercover Work
In his latest episode, Larry awakens to find himself the Chief VCR Rewinder for America's Sexiest Home Videos, a mob-controlled TV program. Chosen by his boss to find the show's hostess, Larry embarks on a cross country quest to audition the three sexiest women in America. Meanwhile, Patti goes undercover for the FBI to expose corruption in the entertainment industry. Not until the end of the game do our dynamic duo come together, exposing the sleazy underside of the underworld. Help-you-along function assists new gamers through the introductory rooms. Fast forward icon included. Soundtrack scored by Craig Safan. Ships with seven 3.5-inch low density disks. Requires 1MB, Workbench 1.2 or later, and two floppy disk drives or a hard drive. Supports standard Amiga four-voice sound. $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Lavandiss Role-Playing Game System
Package comes with module generator that allows you to create the play world as you wish. Allows placement of spells, monsters, treasures, good and bad guys, more. System also includes two premade modules. In the first you play a sorcerer's apprentice who must rescue his master's soul from a dark lord. Game play takes place from two viewpoints: a hex-grid map where you'll find allies and enemies, and from a 3-D view of the terrain and dungeons you explore. A500, 1MB. $39.95
Cottage Software, #3-3820 Regina Ave., Regina, Saskatchewan S4S 0H7, Canada

Leander
In Leander, you are the handsome hero and savior of princesses. Travel across three danger-fraught worlds, fighting powerful enemies, and finding and using spells, potions, and weapons to your advantage to save Princess Lucanna. $19.99
Psygnosis Limited, 675 Massachusetts Ave., Cambridge, MA 02139, (617) 497-5457

◆ Legends of Valour
Fantasy becomes reality in Legends of Valour, a single-character graphic adventure from industry veteran Strategic Simulations, Inc. Set in the mythical city of Mittledorf, Valour vanquishes its opposition with the smoothest scrolling three-dimensional graphics ever seen in a fantasy role playing game. Isolated inside the fortified medieval town, players create their own character by choosing their appearance, occupation, and lifestyle. Personality traits such as strewngth, memory, manipulation, health, and appeal vary with the character's race. After character generation, the player experiences over 45 exciting quests, each with its own mysteries, plot, and potential outcomes. The non-linear gameplay enables the player to explore the 28 square miles of town in any direction, including numerous shops, taverns, hostles, temples, and guilds. $59.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

Leisure Suit Larry II: Looking for Love in Several Wrong Places
Jump on board with the hilarious Larry Laffer as he makes a play for the girl of his dreams. Adult humor. $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Leisure Suit Larry III:Passionate Patti in Pursuit of the Pulsating Pectorals
In the third Larry game, Larry's pursuing Passionate Patti, but his luck with women is running as usual. This is the first Sierra adventure ever to allow players to switch roles in mid-game. From Larry, looking for his self-esteem, to the lovely Passionate Patti, who's on a quest for the man that got away. Requires 1MB memory. $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Leisure Suit Larry in the Land of the Lounge Lizards—Updated
Oh no! He's back in a reillustrated, reanimated version. Vivid hand-painted backgrounds and life-like animation. Explore the city of Lost Wages using Sierra's new point-and-click interface. Fully orchestrated stereo soundtrack and 160 newly sampled sounds (including some only Larry could or would make). Hundreds of new text messages. Depth and distinction added to all original characters. Four 3.5-inch disks, hard disk installable. Supports Roland MT-32 and Amiga 4-voice sound. $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Lemmings
Lemmings establishes a brand new category of game for the Amiga. You've never seen anything like it! Hordes of tiny characters that you have to guide through many levels of obstacles and ad-

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◆ New Product Listing
❷ AmigaDOS release 2 Compatible *(Vendor Verified)*

ventures building bridges, digging tunnels, climbing mountains, parachuting to safety. Get them on their way through each level as quickly as you can, or they start to innundate you and happily proceed to their own oblivion. Each level requires you to construct increasingly complex routes to save as many Lemmings as you can. Lemmings features tiny, incredibly-detailed and expressively-animated characters (up to 100 Lemmings on the screen at once), one-player or split screen two-player action, 120 mind-blowing increasingly difficult playing levels, and some of the most entertaining game playing music you'll ever hear. This one is a classic! See CDTV section also. $29.99
Psygnosis Limited, 675 Massachusetts Ave., Cambridge, MA 02139, (617) 497-5457

◆ Lemmings II: The Tribes
Guide 12 Tribes of Lemmings across Lemming island on an incredible journey. The Lemmings are in trouble and only their ancient talisman and a huge amount of skills can save them in this long-awaited follow-up to the Lemmings saga. Meet the Highland Lemmings, Beach-Bum Lemmings, Circus Lemmings, and more on a quest to save their island.
Psygnosis Limited, 675 Massachusetts Ave., Cambridge, MA 02139, (617) 497-5457

Les Manley In: Search for the King
This new 3-D Animated Graphic Adventure introduces players to 33-year-old Les Manley, a meager but well-meaning video technician who stands to improve his status, his bank account and his love life if he is the first to find The King, the world's greatest and most elusive entertainer. Les is a lowly employee of WILL, the lowest rated television network in New York. In order to raise it's rating, WILL is sponsoring a contest whereby it will award $1 million to anyone who can find The King, wherever he may be. Whoever can discover the location of this international star (he has a fan following in the multi-millions) will be rewarded with a fortune and for Les, adoration from Stella. $59.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Light Corridor
A futuristic 3-D puzzle game based on controlling and moving objects through space and time. Travel at the speed of light and ensure the safe passage of chosen objects through the tunnels of time. $49.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Loom
Loom is set in the Age of Great Guilds, a mythical time when Shepherds, Blacksmiths, and Glassmakers ruled the world. Its hero is Bobbin, a young member of the mysterious Guild of Weavers, who finds himself playing the pivotal role in a mighty conflict between good and evil. Bobbin finds a distaff, the Weavers' magic wand, which is the key to Loom's unique interface. Divided into eight segments, each related to a musical note, the distaff both detects and weaves magical spells. For example, Bobbin encounters a flock of owls in a dark forest. The hooting of the owls is a musical sequence that triggers four notes on the distaff. When Bobbin repeats the four notes, he is able to see in the dark. $59.95
Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

Loopz
The most addictive game ever! It's very simple; you get pieces of different sizes and shapes. Then you put them together to form Loopz. You can move the pieces around the playfield and rotate them. The more complex the loop, the more points you score. It's so simple, in fact, most people can easily finish their first session in about five or ten hours!
Software Toolworks, The , 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Lords of Time
A graphic adventure on a grand scale. Guide our time traveler on a quest to return to his own world and time. Superb graphics, 10,000 playable screens including caverns, mazes, forests, mountains, islands, and castles. Character can learn skills, choose from inventory of more than 50 items. Adventuring in its highest form. $49.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Lost Patrol
Dateline: June 7, 1966. Following a peaceful stint of rest and recreation in Saigon, a chopper carrying six G.I. grunts and a Staff Sergeant crashes in the rugged central highlands of Vietnam. The seven soldiers face a nightmare trek across 57 miles of harsh terrain, infested with booby traps and enemy forces. With little food and less ammunition, their chances of reaching a safe haven are less than slim. So you have to ask yourself: Are you a survivor? As Sgt. Weaver, your mission is to lead the men to safety. You are in command. Kickstart 1.2,1.3. $19.95
Ocean of America, 1855 O'Toole Ave, Ste D-102, San Jose, CA 95131, (408) 954-0201

Lunar Rescue
Arcade action in an outer space adventure! All your wits and skills will be challenged in this race to rescue the crew of Apollo 19, stranded on the moon during a surveying mission. Digitized NASA footage provides realism. Cinematic cut-scenes create suspense. A space Database teaches you important facts about space and our solar system using animated graphics, sound effects, and huge scrolling lunar landscapes. $39.99
Odyssey Software, P.O. Box 367, N. Eastham, MA 02651, (508) 240-2317

❷ Lure of the Temptress
The peaceful land of Turnvale has been seized by the enchantress Selena—and so, it seems, have you. Enter the world of Virtual Theatre, an innovative new graphic adventure system where fantasy becomes reality, and characters take on a life of their own. You are Diermot, an unlikely hero caught up in a web of sorcery and intrigue. Match your wits against the cruel temptress and her monstrous creatures, the Skorl. Just who is this Selena, and what is she after? 1MB, mouse, AmigaDOS 1.2 or higher. $49.95
Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

M1 Tank Platoon
U.S. tank platoons have four MI's. Four soldiers operate each. That's four tanks, 16 men. And you control the whole shooting match. The fun of a four tank platoon in one great game. $69.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

MEAN 18
Golf simulation on three famous courses, plus one home course. Course Architect lets you design or modify an entire course. $44.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

MEGA lo MANIA
Play one of four gods, battling for control of planets. Direct your people to multiply and populate and control island after island. Begin with cavemen and simple stick and stone weapons, then advance through the epochs, inventing more complex weapons, gaining technological and strategic advantages, and eventually engaging in the decisive battle for the world in the far future. Game also has rare and slightly campy humor that keeps you laughing, even when you lose. Available July 1992.
UBI Soft, 1505 Bridgeway, Ste 105, Sausalito, CA 94965, (415) 332-8749

Magic MVP Johnson
Basketball the way the pros play. Arcade action brings the realism of the big time game home to you in this direct translation of the popular coin-op arcade game. Make the jump shot and of course Magic's fast break with a slam dunk finish. Dribble around your opponent to make the lay up that wins the game! Features arcade quality animated graphics and characters, full-court scrolling screen, two-on-two play, and full stats. $49.99
Virgin Games, Inc., 18061 Fitch Ave., Irvine, CA 92714, (714) 833-8710

Magic Pockets
From Konami and Renegade. The Bitmap Kid has been gifted with bottomless pockets, but some of his favorite items, including his bike, have been lost. To retrieve them, he must travel through four levels while destroying highly intelligent enemies, such as froggers, slimers, rockers, and hiders. In each world, the Kid uses the elements to affect the world in different ways. For example, when the Kid throws clouds in the jungle, they burst, causing plants to grow, creating new platforms for him to hop onto. Available second quarter 1992. $19.95
Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Mailman
Mailman is a game against the clock. Case your letters and deliver your route as fast as you can. You must overcome pushy supevisors, attacking dogs, talkative customers, and bad weather to make it back in time. For A500, Workbench 1.3. Available December 1992. $29.95
Mahoney Software Products, 897 Charlotte Dr, Newport News, VA 23601-1068, (804) 591-9330

Manhunter: New York
Two years after an invasion, you are forced to hunt down and report human activities to an evil alien takeover or choose to be a supporter of the human underground. Includes New York City map, split-screen viewing. $49.99
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Manhunter: San Francisco
A plague of terrifying Orbs has overrun San Francisco, spreading horror, tyranny, and death. You are their pawn–a manhunter. Hunt your own kind for the alien masters in this thrilling and horrifying adventure game. Risk your life by turning against the Orbs to work for the cause to free humanity. $49.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Maniac Mansion®
A hidden panel opens and out falls a tape cassette. This might be the clue that frees Sandy from Dr. Ed's lunatic lobotomy lab! There are 450 entertaining objects to discover in this madcap adventure through the 50 detailed rooms, zany adversaries, and off-beat humor of the Maniac Mansion.® No typing–just non-stop point and click fun with your rescue team of colorful characters. $44.95
Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

Medieval Warriors
Art thou a mighty warrior or a base knave? Put thy military skills to the test with this challenging medieval battle strategy game. Each army is comprised of 12 animated warriors which move and fight upon thy command with bow, knife, axe, and sword. Thou may pit thy military skills against those of thy computer or, if it is thy preference, play against another human player, either on a single computer or over thy telephone with two computers equipped with modems. $29.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

MegaFortress
MegaFortress, a nearly invisible attacker, carries enough firepower to destroy the most heavily defended targets. Features modified B-52H Stratofortess aircraft with state-of-the-art sensory apparatus, weapons systems, radar, and 3-D terrain mapping. Choice of 31 missions and three theatres: Desert Storm, Eastern USSR, and USA Red Flag Training. You play several roles simultaneously as well as master resource management. 1MB, Kickstart 1.3 or higher. $59.95
Three-Sixty, Inc., Distributed by Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

◆❷ MegaFortress: Operation Sledgehammer
For use with the Megafortress game based on the best selling novel 'Flight of the Old Dog', this first mission disk exposes you to new territory, threats, and new targets in the Middle East. Along with confronting numerous threats from enemy fighters and SAM's, the player must master the art of resource management, knowing when for example, to rendezvous for inflight refueling. New weapons, 25 new missions, and over 1000 square miles of territory in Iran and Libya are included. Requires Megafortress disk, 1MB, and Kickstart 1.3 or higher. $39.95
Three-Sixty, Inc., Distributed by Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

MegaTraveler by Paragon
A science fiction role-playing adventure. Explore unknown star systems, trade and piracy, governments, and political structures. Meet bizarre hu-

man and alien cultures and battle in fast-action combat with futuristic weaponry. The first adventure will focus in a sparsely settled area of the Imperium called the Spinward Marches. The Marches are fertile ground for powerful adventures, literally surrounded with cultures often characterized as other than friendly.
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

Merchant Colony
Set sail for the seven seas. Merchant Colony is based on the history of world economics—all in a fun-packed, high resolution video game that the whole family will enjoy. Use the world map to survey your empire, monitor the progress of your sailing fleet, and protect your ships from bands of roving pirates. Establish colonies, develop industries, and battle native uprisings while you import and export goods in your quest to trade your way to riches. By Impressions. Requires 640K RAM; EGA, 16-color VGA, or 256-color MCGA. Mouse highly recommended. $29.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

MiG-29 Fulcrum
Fly the Soviet Union's MiG-29 Fulcrum. Designed by Simis, a former British Aerospace flight simulator design team, MiG 29 provides real sounds and images to produce the thrills of combat. Gives an unprecedently high level of unique and accurate technical detail. Prove your skills in an array of progressively more complex missions in different locations. Four different viewing perspectives on the action. $49.95
Domark, Dist. by Accolade, 5300 Stevens Creek Blvd, San Jose, CA 95129, U.K. address in Vendor list, (415) 513-8929

MicroLeague Baseball: The Manager's Challenge
What would the 1927 Yankees do against the 1986 Mets? How would Ted Williams do against a Nolan Ryan fastball? Find out with MicroLeague Baseball! Control one of the 26 all-time teams that come with the game, or create an all-star team of your own with the optional General Manager/Owner disk. Features include pop-up screens for easy mid-game access and substitutions, offensive and defensive options, stealing and base running ratings, fatigue and power factors, fielding average plus throwing range and arm strength. Also included is a stat compiler disk to keep track of your team's players throughout the season. Price:$49.95. Optional General Manager/Owner disk:$29.95. 86-91 Season Disks:$19.95. Franchise History Disks: $24.95. Stadium Disks (American, National, or Classics): $24.95 $49.95
MicroLeague Interactive Software, Bellevue Bldg., Suite 201, 262 Chapman Road, Newark, DE 19702, (302) 368-9990

Midwinter
You must protect the Midwinter Isle, the last habitable oasis on earth. Controlling up to 32 characters, you must defend an immense playing area of over 160,000 square miles. You can ski, hang glide, snow buggy, or travel by cable car across stunning glacial landscape, shooting, sniping, and sabotaging the intruders. Featuring a unique, 3-D fully light-sourced graphics system and unprecedented action sequences, Midwinter will keep you locked in the Ice Age for a long, long time. $39.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

Might and Magic II: Gates to Another World
Embark on a glorious journey to save the world of Cron. Test your ingenuity with over 250 animated monsters. Ninety-six spells, more than 250 weapons and items, two new character-classes, hirelings, and 15 secondary skills will aid your cause. Detailed 3-D color windows, excellent graphics, and animated monsters add to the excitement. $19.95
New World Computing Inc., Distributed by Electronic Arts, 20301 Ventura Blvd., Ste. 200, Woodland Hills, CA 91364, (800) 245-4525

Might and Magic III: Isles of Terra
In the Might and Magic tradition, explore the incredible islands of Terra. Journey to the deepest cavern, discover the secrets hidden deep within dungeon walls, and wander beyond the beaten path across terrain ranging from deserts to swamplands. Battle against bloodthirsty monsters as you seek to fulfill the quests of Kings and ghostly Sorcerers. The tools you will use to reach your ultimate destiny are your mind, might, and magic. $59.95
New World Computing Inc., Distributed by Electronic Arts, 20301 Ventura Blvd., Ste. 200, Woodland Hills, CA 91364, (800) 245-4525

Mixed-Up Mother Goose
The enchanting Mixed-Up Mother Goose takes your child on a wonderful adventure in dreamland where they will help Mother Goose to find her mixed-up rhymes and restore them back to normal. Mother Goose comes with written and visual clues to help your child play the game. Easy-to-use joystick or keyboard controls make playing a snap. Helpful pull-down menus assist children throughout the adventure. Includes a free full-color map of Mother Goose Land. Up to 12 players can save their game, according to their name, to disk. Easy-to-use menus make it simple to play the game, save it, and select options such as a joystick control. Randomly located objects and characters allow your child to enjoy playing this adventure over and over again. $29.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Moebius: The Orb of Harmony
Combines the features of animated martial arts games with the challenges of fantasy role-playing adventures. $39.95
Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

◆ **Mongol Commander**
An operational/tactical simulation of the campaigns of Gehghis Khan and the Mongols. Features include a zoom-down 3-D tactical display with a fractal landscape for combat resolution and a real world logistical system based on ecology and animal physiology, not supply lines as in most other strategic games. Rally shattered troops, lead massive calvary charges, order elephant charges. Conquer Eurasia! Only available directly from R.A.W. Entertainment. $39.95
R.A.W. Entertainment , 957 NASA Road One, Ste. 146, Houston, TX 77058-3098, (713) 286-2386

Monkey Island 2: LeChuck's Revenge
This sequel to the award-winning Secret of Monkey Island follows the continuing hilarious pirating adventures of Guybrush Threepwood. The game features scanned art and iMUSE™, Lucasfilm Games' new interactive music and sound effects system. NTSC/PAL. French, Spanish, German, and Italian versions. Requires 1MB, keyboard/mouse supported. $59.95
Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

Monopoly
Play the best-selling board game of all time with friends, against the computer, or with a mixture of human and computer-controlled opponents. Enjoy the thrill and excitement of wheeling and dealing with the added enhancement of computer animation. Amass and lose great fortunes buying and selling railroads, utilities, and properties of all types. Collect rent and increase the value of your properties by building houses and hotels. Vie with crafty strategem for control of key properties such as Boardwalk and Park Place. $39.99
Virgin Games, Inc., 18061 Fitch Ave., Irvine, CA 92714, (714) 833-8710

Moonbase
You are Commander of Project Moonbase, NASA's long range plan to colonize Earth's moon. From your multi-million dollar annual budget, you must establish a base, then manage its growth into a full fledged, independent colony. With savvy and luck, you may create a self-sufficient city on the moon, but not without handling the leadership problems in this political and physical environment. $29.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Mouse Bowling
Bowling action game. Player uses the mouse to throw the ball. $19.95
Silver Software, 1922 Purchase Brook Road, Southbury, CT 06488, (203) 264-2583

Mouse Quest
Help Marvin the Mouse as he tries to prove himself and win back his girlfriend Meryl. Fifty levels of fast arcade action with terrific graphics and sound. $19.95
StarSoft Development Labs, 3500 Aloma Ave. #D-2, Winter Park, FL 32792, (407) 657-7553

Move It! & Slide It!
Interactive puzzles which break a picture into pieces, muddle them up and let you put them back together. Slide It! works like a sliding block puzzle. Move It! works by directly swapping pieces, making it easier for younger users and more effective for developing sequencing skills. Features on-disk interactive manual, simple point-and-click operation, difficulty levels from nine to 64 pieces, add your own pictures, and create fixed grid pictures. £19.99 $30.00
Think Limited, Prudential Buildings, 46C High Street, Erdington, Birmingham, West Midlands, B23 6RH England, (011) 4421-384-4168

Murder!
For people who love a good, vintage murder mystery, especially on dark and stormy nights, the game of Murder! provides nearly three million different murder cases for computer sleuths to solve. Search the house, interrogate suspects, investigate clues, and reap the rewards of pinning the crime on the murderer. Act too hastily accusing the wrong suspect, and your days as a detective are over. Players have just two hours to solve the crime before the murderer escapes the house. The game includes a murder casebook containing summaries of a dozen of the most notorious cases in the history of murder. $44.95
U.S. Gold, Distributed by Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (415) 513-8929

Murders in Space
Everything was going as planned on orbital space station Pegasus. The eight-member crew followed its detailed experiments on the sophisticated scientific equipment to the constant background drone of the floating station. Then...the first victim was discovered, turning the adventure into a nightmare. In this highly developed space simulation, you'll discover life on board an orbital space station as you carry out your investigation into the mysterious victims. You'll need to fly the space shuttle, conduct complex medical experiments, and explore the world outside the station—all in a zero gravity environment. Can you master these disciplines and solve the murders in space? $49.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Muscle Cars
All-American Car Disk for The Duel. The five cars are: 1963 Corvette Sting Ray Split Window Coupe, 1968 Shelby GT500 Mustang, 1967 Pontiac GTO, 1967 Camaro 427, and a 1969 Dodge Charger Daytona. $21.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Mystical
As a novice magician you clumsily cause the disappearance of your master's phials and scrolls. To prove your worth you must enter into parallel worlds to recover the vanished instruments. You travel through magical kingdoms coming face to face with unscrupulous gods and evil druids who try to prevent you from achieving your goal. $49.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

NFL DataDisk
Data disk contains player readings for all 28 NFL teams allows you to simulate games between NFL teams on GRIDIRON!. $19.95
Bethesda Softworks, 1370 Picard Drive, Suite 120, Rockville, MD 20850, (301) 926-8300

NY Warriors
The World Trade Center has been taken by terrorists! As the commander of an elite strike force, you are the only one who can keep them from blowing it up!. 1MB version: $49.99.
Virgin Games, Inc., 18061 Fitch Ave., Irvine, CA 92714, (714) 833-8710

NapGap
Napolean's Game Assist Program is a wargame calculator for miniature wargames of the Napoleanic era. Based on standard rules and modi-

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fied by several years of playtesting. It can calculate weather, firearms, rallying, melees, and more. NTSC/PAL. $49.95
HC Software Pty Ltd, PO Box 782, Prospect East, S.A., Australia 5082, (011) 618-262-4461

Napoleon The Campaigns 1805—1914
After Napoleon declared himself emperor, he was faced by a coalition of powers bent to destroy him and restore the Bourbon monarchy. You can take control of either Napoleon's Grande Armee or the combined might of the Austrian, Russian, and Prussian Coalition forces. Areas of contest are from Paris to east of Warsaw, from the North Sea to Italy. Four campaigns, option allowing you to resolve battles using miniature figures, more. Enjoy! 1MB. Only available directly from R.A.W. Entertainment. $29.95
R.A.W. Entertainment , 957 NASA Road One, Ste. 146, Houston, TX 77058-3098, (713) 286-2386

◆ Napoleonics
Napoleonics allows you to enter the world of a 19th Century general. Now you can stand in Napoleon's boots, and watch as your glorious french army lines up to do battle with the Russians. Cannons fire, filling the field with smoke and the cries of wounded men. The cavalry charge, and rank after rank of disciplined foot soldiers advance, firing volleys at the approaching enemy. $50.00
On-Line Entertainment , 642A Lea Bridge Road, Leyton, London, E10 6AP England, (011) 4481-558-6114

Netherworld
Mystical space journey/action arcade. $34.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

Neuromancer
Science fiction role-playing game in which the player must find out why all the computer hackers in Chiba City have disappeared. Players must use computer programs to break into databases and get information. $44.95
Interplay Productions, 3710 Susan #100, Santa Ana, CA 92714, (714) 553-6655

Night Dawn
Arcade/strategic game. Ten levels that are very challenging. Excellent sound effects and superb graphics. $29.95
Innerprise Software, Inc. , 1818 Potspring Road #30, Timonium, MD 21093, (410) 560-2434

Night Shift
Night Shift is an arcade-style computer simulation of a whimsical toy factory. To keep up with increasing demand for its Star Wars and Indiana Jones toys, toy factory Industrial Might & Logic hires a night shift worker who must contend with ever-increasing quotas. In the process, the worker has to cope with equipment failures, lawyers, lemmings, and a surly boss to boot. Includes 30 'shifts,' with gradually increasing challenge. Choose to play as either Fred or Fiona Fixit. Suitable for ages 10 and up. $39.95
Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

Nightbreed
Nightbreed vividly recreates the attempts of Aaron Boone to escape from the brutal ignorance of his world. Boone, fabled hero of the night, has been unjustly accused of murder. The police are in hot pursuit. He searches for and finds Midian, a subterranean haven inhabited by a supernatural race–the Breed. But once in Midian, Boone's past catches up with him. The police and a savage villain called the Mask infiltrate his refuge, and it's up to Boone to save the Nightbreed or be responsible for their destruction. A thoroughly twisted and intriguing story filled with monsters, evil, and challenging adventure. Kickstart 1.2,1.3. $19.95
Ocean of America, 1855 O'Toole Ave, Ste D-102, San Jose, CA 95131, (408) 954-0201

Ninja Garden II
In this literal translation of the Nintendo game (enhanced with the power of the Amiga), Ryu Hayabusa must use his Ninja fighting techniques along with ancient magical arts such as the 'windmill throwing stars' and 'fire dragon balls' to rescue Irene Lew and avenge the death of his father. Action takes place throughout seven acts and over 20 scenes of crisp graphics and clean audio. Animated sequences tie the plot together. Arcade style gameplay keeps the story moving as Ryu must face many guardians en route to the final showdown with Ashtar. Requires 1MB. $49.95
GameTek, 2999 N.E. 191 Street, N. Miami Beach, FL 33180, (305) 935-3995

No Greater Glory-The American Civil War
The year is 1861 and you are President Abraham Lincoln—or Jefferson Davis. The immensity of this war dawns on you—the bloody battles and the conflicts over such issues as slavery, taxes, inflation and enlistment of Negroes. No Greater Glory covers these and other major military, political, diplomatic, and economic aspects of the Civil War. Move your armies across the map and order your generals to take them into battle. Enter your decisions quickly and easily with the point-and-click mouse interface. Superb graphics present you with immediate feedback of your actions. Every game can end differently. 1MB. $69.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

Nobunaga's Ambition
This is a simulation game based on Japan of the 16th Century. A group of fuedal lords called Daimyo ruled Japan in the 16th century. Each has a single wish: to become Shogun and rule the entire nation. Nobunaga'a Ambition is a military, economic, and diplomatic simulation for one to eight players. As Nobunaga, you start with one fief and try to take the entire nation. A game of both strategy and tactics, success takes careful planning and opportunism. $59.95
Koei Corporation, 1 Bay Plaza, Ste. 540, 1350 Bayshore Highway, Burlingame, CA 94010, (415) 348-0200

Nova 9
Continues the adventure saga of Stellar 7. Gir Draxon returns, drawing the player into battle on the nine unexplored planets of the Nova 9 system. Piloting the new Raven II, the player races against time as Draxon's forces search for the Raven's hidden base. Quick thinking and a quick trigger finger are needed to survive as the player navigates mazes of energy, drops bombs, battles prehistoric beasts, and takes on Draxon's forces on nine worlds of increasing danger and difficulty. Complex 3-D worlds, explosive special effects. Supports analog joysticks, has save game feature. $34.95
Dynamix, division of Sierra On-Line, 99 W.10th, Ste. 337, Eugene, OR 97401, (503) 343-0772

Nuclear War
A comical game of strategy and tactics. As a world leader, you must compete against four computer controled opponents for global supremacy. Experience propaganda blitzes, nuclear strikes, and some interesting weather anomalies. $19.95
New World Computing Inc., Distributed by Electronic Arts, 20301 Ventura Blvd., Ste. 200, Woodland Hills, CA 91364, (800) 245-4525

Official Guide to Sid Meier's Railroad Tycoon
Do you know you can embezzle money in Railroad Tycoon at no risk to yourself? Do you know which tycoons are most likely to take over your railroad? The only source of insider information available for the game—direct from the designers of the game. This book contains essential gaming information not found in the manual. Get the answers to puzzling economic forces, learn to defeat each of the Tycoons, build the Transcontinental Railroad and the Orient Express, manipulate the stock market to your advantage, discover the best areas to build on each map, and learn the best way to survey your line. These are just a few of the things you'll be able to do with The Official Guide. $12.95
Compute Publications, 324 Wendover Ave., Ste. 200, Greensboro, NC 27408, (919) 275-9809

Offshore Warrior
A sport has evolved where powerful boats battle against the elements and their opponents. The warriors fight for victory against each other while trying to survive the dangers of rocks and waves. Throttles at the limit, the warriors struggle to control their boats by jumping waves, avoiding rocks, and firing at their opponents. Can you survive the pressure of a do-or-die situation? Start your engine. $39.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Oh No! More Lemmings
Just when you thought you were finally safe, those green-haired numbskulls have blissfully blundered off toward new perils. You'll have to save them again! Oh No! More Lemmings (Stand Alone version) contains 100 brand new adventures for the mega-hit game Lemmings. Oh No! More Lemmings (Add-on version) contains the same new adventures, but requires the original Lemmings program. Both versions feature mind-challenging game play and amusing graphics in the Lemmings tradition. $19.99 (stand-alone version),$19.99 (add-on version)
Psygnosis Limited, 675 Massachusetts Ave., Cambridge, MA 02139, (617) 497-5457

Omega
Strive to design the future's ultimate military sybertank in Omega. You have been placed as an engineer for the Organization of Strategic Intelligence and your mission is to integrate chassis components and create artificial intelligence in an attempt to build the world's supreme sybertank. Choose from 10 chassis types, ten drive systems, eight weapons types, nine special items, and ten scanner types. Then test your design on a simulated field of combat. $49.95
Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Omni-Play™ Basketball
Imagine owning, coaching, and managing your own basketball team and playing some fast action hoops too! Includes SBA League and End View Game Modules which allow you to build your own team. Determine play-off structures, season lengths and more. Recruit new players or improve the current roster at training camp. You can even trade players to other teams. Players not only age year after year, but can suffer injuries. Down on the hardwood, you can play too. Pass, shoot, slam dunk, double-team, break backboards, and much more. $24.95
SportTime Computer Software, 3941-E So. Bristol St. Ste. 551, Santa Ana, CA 92704, (714) 966-0207

Omni-Play™ Horse Racing
Omni-Play™ Horse Racing is a two-disk set which gives up to four players the chance to test their handicapping skills against each other and up to 19 computer opponents at the same time. Go for the quick kill by betting on long shots, Triples, Exactas, and Quinellas, or play more conservatively by betting on the favorites to Win, Place, or Show. Whatever your strategy, there are plenty of stats available, including the past 10 race results of all 128 horses at each track, the Morning-line Odds, payoff displays, and post position histories. Jockeys have their own personalities and mood swings. Track conditions can be dirt, grass, or mud, and you can even buy tips from your competitors! Includes digitized sounds. $24.95
SportTime Computer Software, 3941-E So. Bristol St. Ste. 551, Santa Ana, CA 92704, (714) 966-0207

One to One Match
A memory game for children ages 4 to 14. No reading is required to play this game and the program autoboots. This game talks! All pictures are named. Children develop their powers of concentration and expand their vocabulary by pairing up beautifully illustrated objects in one of seven categories. The categories begin with simple concepts and progress to the complex: from planets to the big bang, from triangles to tetrahedrons, from simple numerals to fractions, from notes on the treble clef to classical melodies. The child's vocabulary is expanded by learning the national flags, continents and oceans, date, time, and money. Added for both fun and enrichment are flowers, trees, leaves, sea life, breeds of dogs, cats, and horses. Five different ways to play the game (three with the computer as the partner) and three different card layouts (20, 30, or 42 cards) provide flexibility for the player. Runs on all Amigas 512K minimum. $39.95
Computer Sight, 4522 Santa Rita Rd., El Sobrante, CA 94803, (510) 222-2638

Operation Combat
Digitized sounds of gunfire, air support, and movement of your troops take you right into battle. Fight in the deserts of the Middle East or the jungles of Asia with the firepower equal to that of United States forces in Saudia Arabia. With six battlefields and five scenarios to choose from, Operation Combat challenges your wits and your courage. Remember, in war there can only be one victor! $14.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Orge
Your army must contend with a huge cybernetic tank code-named Orge, which is armed with missiles, guns, and armor plating several feet thick. $29.95
Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Ork
Beamed down to the planet Ixion from the Legion Ship, Cisskel, aspiring Captain Ku-Kabul has to face the dangers and tests specifically placed on this planet in order to prove himself worthy of leadership. Failing any of the tests will end his career as a Legion-Command Officer...permanently! To give him a fighting chance, Ku-Kabul is fitted with twin laser cannons and refuelable jet boosters. Using brains and brawn, he must find, collect, and use objects to solve the many perplexing puzzles and defeat the hordes of deviously powerful enemies that infest this deadly arena. Powerful arcade special effects including full-screen three-layer parallax scrolling running arcade speed, larger than screen aliens, and a haunting musical score combine with furious gameplay to bring you an incomparable arcade-like gaming experience. $19.99
Psygnosis Limited, 675 Massachusetts Ave., Cambridge, MA 02139, (617) 497-5457

Out Run by Sega
Take the ride of your life in the home-computer version of Sega's arcade megahit. This baby's sleek and smooth–the fastest thing on four wheels. Floor the gas pedal and let her ride past the beaches of southern France, California's Death Valley, cities, mountains, and vineyards. $49.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Out of This World
Thrusts players into another dimension where survival depends on cunning, speed, and sharp senses. As scientist Lester Knight Chaykin, the player is hurtled through space and time by a nuclear experiment gone wrong. The player must dodge, outwit, and overcome a host of alien monsters and deadly earthquakes that plague the alien landscape that has now become home. Only a perfect blend of logic and skill will get the player past the deadly obstacles that lie in his path. The use of polygon graphics allows the game to generate real-time, rotoscoped animation in fluid cinematic zooms, pans, close-ups, and scaling. Bridging the gap between cinema and action/adventure games, this completely new style of storytelling allows players to run, jump, kick, roll, climb, and swing quickly and smoothly. It offers a complete atmosphere of sights and sounds with a continual audio mix of digitized sound effects and musical score. Out Of This World supports VGA graphics, most major sound boards, and can be keyboard or joystick controlled. $59.95
Interplay Productions, 3710 Susan #100, Santa Ana, CA 92714, (714) 553-6655

Over The Net!
It's your serve. Now you can play pro-circuit volleyball year 'round with Over The Net, the exciting new tournament beach volleyball game from Merit Software. This European-designed program lets you slam, dig, set, spike, and hit with arcade action so realistic you'll be able to feel the hot sand under your feet. Sound effects and excellent soundtracks bring an added dimension to the game on your computer screen. Action-packed Over The Net is designed to sharpen your competitive edge. One or two players can play from one to five sets in a single session. Choose from five exotic beach courts, from Timini to Miami to Ibiza—each designed to test a different level of your skill. So what are you waiting for? It's your serve. $14.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Overdrive
An arcade adventure game for all Amigas. Begin play with the choice of six pilots, six ships, and wide range of different modules and armaments–900 different combinations in all. Game has four levels: Artificial Planet–liberate the colonists from pirates; Space–rescue cargo ship; Inside Asteroid–destroy pirate headquarters; Surprise. $59.95
Infacto, 1456 Fallen Leaf Lane, Los Altos, CA 94024-5809, (415) 968-0813

Overlord
Imagine a universe that holds only a small group of planets. Each planet is a barren shell waiting to be given life. Imagine further that within this universe there exists the forces of good and evil. Having only a single Starbase to work from, you set out in ships of your own design, and use them to colonize the barren planets. You must also recruit, train, feed, and arm a galactic force to protect these colonies from your evil foe. Strategies are needed, taxes must be imposed, mining operations need to be set up, and farms need to be established. $49.99
Virgin Games, Inc., 18061 Fitch Ave., Irvine, CA 92714, (714) 833-8710

◆ Oxyd
A terrible thing has happened to the world inside your computer. Over night, the life-supporting Oxyds have closed up. Without them, the world of bits and bytes is threatened. Go on a risky expedition into the 100-level, mysterious landscapes of Oxyd and open the Oxyds to save this wonderful world from destruction. Distributed as 'Dongleware'-anyone may copy and distribute the Oxyd disk containing the game, 100 levels, and 100 dual player levels. After that, you need the Oxyd book containing secret magic formulas to play. (See listing in book section) Disk: $4.00 or download from major networks. The Oxyd Book: $39.00.
Dongleware Publishing, Inc., 35 Howard St., Cambridge, MA 02139, (617) 497-1130

P.G.A. Championship Courses
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Firestone South, Pinehurst #2, Oakland Hills, Oakmont, Southern Hills. No additional charge for foreign orders in U.S. dollars. $15.00
Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

P.G.A. Tour Courses I
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Doral Blue Monster, Torrey Pines South, TPC at Sawgrass, Cypress Point, and Indian Wells Bob Hope course. No additional charge for foreign orders in U.S. dollars. $15.00
Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

PGA Tour Golf
Enter the world of big-time golf. See TV-style graphics with aerial fly-bys of every hole, multiple shots of the ball in flight, announcers, and pro tips. Tee off against 60 top PGA TOUR pros. Compete in real tournaments like the Kemper Open and THE PLAYERS Championship. Play the TPC's at Sawgrass, Avenel, and more. A 3-D putting grid, five types of swings, 12 ball lies, it even tracks your game with pro stats. $49.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

PGA Tour Golf Tournament Course Disk
An add on program for PGA Tour Golf. Includes three new courses and tournaments: TPC at Eagle Trace, home of The Honda Classic; TPC of Scottsdale, home of The Phoenix Open; and TPC at Southwind, home of The Federal Express St. Jude Classic. Negotiate the same narrow doglegs, treacherous water hazards, and changing conditions the pros do. Use the overhead map to plan your approach, check the ball lie to decide on the most effective club, or use special shot options to escape the worst roughs and hazards. Once on the green, study the 3-D putting grid for an accurate, realistic read of the green. Stay on top of the leaderboard to make the early round cuts, then fight to finish in the money! $24.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Paint Me a Story
Paint Me a Story gives a child the ability to create his or her own story book in exciting colors, whether or not the child has any drawing ability. By adding Magic wipes between pictures, by typing text and by adding music, the child can create a story as simple or as complex as his/her imagination will allow. £24.95
Genisoft, Unit 3 Poyle 14, Newlands Drive, Colnbrook, Berks SL3 0DX, England, (011) 4475-368-6000

❷ Pairs
A simple card game like Poker, with one difference—there is no three of a kind, straight, or full house. Pairs features over 40 HAM pictures and over 80 levels of play to succeed in winning the game. PAL only. For A500/1000/2000/3000/CDTV. AmigaDOS 2.0 compatible. $14.95
Electronic Trading Post, 71 Avenue Road, Highgate 5063, Adelaide, South Australia, Australia, 011-61-8-272-2302

Paladin
Animated fantasy-combat game for one player. The game features 10 character combat squads, multiple level combat, magic, assorted weaponry. The Paladin Package also includes a quest builder so you can build your own quests. $39.95
Omnitrend Software, Inc., 15 Winchester Court, Farmington, CT 06032-3423, (203) 678-7679

Paladin 2
The thrilling sequel to Omnitrend's Paladin. Lead a party of 10 through several quests, and fight against all kinds of creatures and villains in this strategic role-playing game. Several scenarios—also includes scenario builder program. Mouse-based interface, stirring music. 1MB, one disk drive, system version 1.2 or higher. International support. $59.95
Impressions Software, 222 Third Street, Suite 0234, Cambridge, MA 02142, (617) 225-0500

Paperboy
Tackle the action-packed job of a paperboy in this arcade. Deliver papers to subscribers (and smash the windows of non-subscribers) as you avoid cars, workmen, cats, lawnmowers, and burglars. Then, head out to the Paperboy Training Grounds for bonus points. $49.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Persian Gulf Inferno
Arcade action and role playing. Superb graphics and digitized sound. Excellent story–you must save hostages and disconnect a nuclear bomb on an oil rig. $39.95
Innerprise Software, Inc. , 1818 Potspring Road #30, Timonium, MD 21093, (410) 560-2434

Pipe Dream
Pit your pipefitting prowess against a surging sea of sewage. Your objective is to build the longest possible continuous pipeline, racing against a stream of chemical fluid called Flooz. Piece together the pipeline from various shapes of pipe, which appear in a random order. There are 36 increasingly challenging levels. Play solo, against a friend or team up in a joint battle against the computer. But if you slow down for a second, it's Sludge City! $39.95
Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

Pirates
A 17th-century Caribbean adventure. You're a privateer captain in the thick of the action on the Spanish Main. Challenge your reflexes with simulated sailing, sea and land battles, and swordfights. Experience romance and intrigue from more than 50 foreign ports.
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

Pitfighter
You can be one of three players: TY—the Kickboxer, KATO—the 3rd degree Karate Black Belt, or BUZZ—ex pro wrestler. In order to become the new Pitfighting World Champion, you must fight to the death one of eight brutes: The Executioner, Southside Jim, Angel, Mad Miles, CC Rider, Heavy Metal, Chainman Eddie, and The Ultimate Warrior. You need strength, skill, cunning, and the ability to smash your opponent with anything you can grab from the pit before he smashes you!

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$39.95
Domark, Dist. by Accolade, 5300 Stevens Creek Blvd, San Jose, CA 95129, U.K. address in Vendor list, (415) 513-8929

Plan 9 From Outer Space
From Konami and Gremlin Graphics. An alien race has failed eight times to annihilate the human race, but has now discovered the ultimate Plan 9. This is the storyline from a 1957 film. Players must collect all the missing reels from the movie from more than 90 global locations. They must then splice the film together. Features digitized movie footage starring Bela Lugosi and Tor Johnson, as well as original cast members as characters to encounter throughout the game. Available spring 1992. $39.95
Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Poker Solitaire
Play 12 hands of stud poker simultaneously. Strategy game allows two players or one against the clock. Multiple skill levels challenge even the expert.
Ethos Development, 3617 Lawson Blvd., Delray Beach, FL 33445, (407) 496-0843

Police Quest
Mature, authentic law enforcement simulation designed by a California Highway Patrol veteran. Manual describes police procedure; crime computer gives court information on suspects. $49.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Police Quest II
The Vengeance! Police Quest is one of the most original adventure series in computer history, with authentic police regulations to follow and real-life situations to encounter. Police Quest II lets you experience life as a homicide detective, as you track down the escaped convict—The Death Angel! Now available in Japanese. Requires 1 MB. $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Police Quest III
Designer Jim Walls continues his best-selling Police Quest series with Police Quest 3: The Kindred. As homicide detective Sonny Bonds, follow a trail of insanity, brutality, and bizarre ritual killings. Musical soundtrack by Grammy Award winner Jan Hammer of Miami Vice fame. $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Pool of Radiance
All monsters, items, and spells are from the famous AD&D Monster Manuals, Dungeon Masters Guide, and Players Handbook. Roll up your characters from four Classes, six Races and nine Alignments in classic AD&D fashion. Personalize your heroes' combat figures with individual weapons, armor, and colors. $19.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

Pools of Darkness
Pools of Darkness takes you back to the Moonsea area for the final battle against the ultimate enemy. Prepare yourself for the biggest adventure yet! Pools of Darkness propels you into alternate dimensions on an enormous quest. And, it boasts a fully evolved version of the award-winning game system used throughout the series. Transfer your characters from Secret of the Silver Blades with levels, money, and items intact, or create new characters. Either way, you're in for some high-level action. Battle monsters never before encountered, cast powerful new spells, and achieve character levels well above the 25th level. State-of-the-art graphics and crisp digitized sound $59.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

Populous
Earthquakes are serious fun. Deities are the all-powerful rulers of the worlds, but two deities in one world is one too many. You give them good land. You tell them when to farm and when to fight. You make them content beyond their wildest dreams. But then they become raging arsonists. What's a deity to do? $49.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Populous II: Trials of the Olympian Gods
By Bullfrog Productions.Populous II includes a cast of Greek deities. You approach the great god Zeus with aspirations of immortality. Your request is accepted only if you first prove your abilities by defeating 32 of the most powerful deities on the ancient Greek battlefields. With over 30 new animated powers, you will be twice the deity you were in the original Populous. Forces of nature can now be unleashed simultaneously. You can establish your deity's strengths, personality, and appearance. Different personality traits will alter the way the other deities react to your character. You're also responsible for the happiness of your populous if you want them to stay loyal. Planting trees, building roads, and making fertile land will all lead to increased manna. And face it, that's all you really want—the power to destroy! $59.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Populous World Editor
By Bullfrog. Gives you the divine power to alter the people, places, and terrain of Populous. Lets you easily edit sprites and landblocks. Also set parameters to define your population. Two new worlds. New 500-world conquest game. $19.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Populous: The Promised Lands
Populous: The Promised Lands is an accessory disk that adds five new landscapes to the hit game Populous™. Adding The Wild West, Révolution Française, Blockland, Sillyland, or The Bit Plains to Populous™ will virtually give you a whole new game. You'll need to invent new strategies to conquer 500 more worlds, or you can use the lands to build your own worlds to conquer. $29.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Ports of Call
Exciting game of shipping strategy. The player assumes the role of a shipowner and captain. Both strategy and arcade action. The object of the game is to deliver the ship's cargo to the determined port and achieve maximum profitability. Available in English, French, German, NTSC, and PAL. Runs on Amiga 500, 1000, 2000, 2500, Workbench 1.3. Australian users see Australian address in Vendor Information. $34.95
Disc Company, The , 11440 San Vicente Blvd, Ste 300, Los Angeles, CA 90049, (310) 207-1600

Power Pinball Expansion Disk 1
More and better pinball machines for Power Pinball! This disk is packed with eight fun, new, and exciting machines. Includes 36 new sound effects which can be added to your own machines. Several machines created by Amiga artist Joan Ashdown; all feature new sound effects and take advantage of version 1.1 capabilities. $15.95
KarmaSoft, P.O. Box 1034, Golden, CO 80402-1034, (303) 490-2939

Power Pinball Version 1.1
New version of Power PInball sports embossed look for all editing functions and many other new features. Pinball Wizards never had it so good! Power Pinball is a truly realistic simulation of a pinball machine. You can play one of several included machines or design your own! Import IFF sounds and graphics from your favorite paint program. With Power Pinball you can take the wizardry to a whole new level! AmigaDOS 2.0 compatible. $39.95
KarmaSoft, P.O. Box 1034, Golden, CO 80402-1034, (303) 490-2939

PowerMonger
PowerMonger takes you to a living world where each individual has a home, an occupation, and a level of intelligence–all must be accounted for in your strategy. PowerMonger casts you as the leader of a displaced tribe newly arrived in an unchartered territory. There are 200 territories to conquer before the world is yours. To unite the land under your rule, you must win the allegiance of the people by force, negotiation, or outright bribery. $49.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

PowerMonger Data DIsk: WWI Edition
Enter the world of 1914. The nations of Europe are locked in a savage war. Mechanized terror weapons have replaced the sword. Leaders now pursue power with rifles, tanks, and airplanes. Command an army through a series of battles and try to overcome the trials of WWI combat. Factories, medical stations, and dedicated soldiers are at your disposal. Show mercy to defeated enemies and win their allegiance. Explore and conquer over 150 European territories. Requires PowerMonger. $29.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Powerstyx
Battle your way through chomping skulls, perilous scissors, deadly crosses, and heart-pounding time restrictions in this action-packed game. You as the artist must conquer these obstacles before revealing the final masterpiece, hidden behind each treacherous screen. $14.95
DigiTek Software, 1916 Twisting Lane, Wesley Chapel, FL 33543, (813) 973-7733

Predator 2
Take on the role of veteran cop Mike Harrigan. Shoot it out with machine gun-toting drug lords and the Predator, a brutal alien who finds sport in the killing of human prey. Collect powerful weapons to save your fellow officers, then use streetwise ingenuity and devise a way to destroy the creature's invisibility mechanism. Each level is inspired by the movie with plenty of action to please arcade enthusiasts. Digitized movie scenes recapture the Predator just as he appears on the big screen. $19.95
Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Prehistorik
Eat and beat your way through 150 scenes of awesome, nourishing fun and relive the Prehistorik epic in this incredible platform game. Armed with your Diner Club Anticus, proven to be the ancestor of the baseball bat, you start in pursuit of the Hilarious Maxidocus and take on armies of hairy spiders. Explore the virgin icefields of Antarctica, lush tropic jungles, and the dark and mysterious caverns of the shady continent. Don't worry about beatin' and meatin', it's for the good of the T-bone tribe. The hunt for lunch is on; come and get it! $49.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

◆ **Prime Mover**
Prime Mover is a motorcycle racing game set on a number of courses across the world. But what makes Prime Mover so exciting is the playability element which has been painstakingly developed to provide a unique computer racing experience. Prime Mover gives you the opportunity to select your race bike from a choice of 5 - each with individual performance characteristics-to select rider, track and have the opportunity of keeping up to date with the current championship table. In fact all the requirements for a good playable motor cycle game without the complexity of certain other racing games we could mention. $49.99
Psygnosis Limited, 675 Massachusetts Ave., Cambridge, MA 02139, (617) 497-5457

Prince of Persia
You are a young adventurer from a far-off land, and the Sultan's beautiful daughter has fallen in love with you. But the Grand Vizier Jaffar has other plans. In the Sultan's absence, he has thrown you in prison, and given her an hour to choose: Marry him or die. You'll need acrobatic agility, superb swordsmanship, and brilliant puzzle-solving ability to save her. Twelve levels with more than 250 increasingly difficult screens. $39.95
Broderbund Software Inc., 500 Redwood Blvd., P.O. Box 6121, Novato, CA 94948-6121, (800) 521-6263

Pro Tennis Tour
In Pro Tennis Tour, you are a professional tennis player, ranked 64th in the world. Your objective is to improve your ranking by participating in major championships such as the Australian Open, French Open at Roland Garros, U.S. Open, and Wimbledon. Each championship event is played on its unique surface, whether its grass, clay, or cement. Pro Tennis Tour has six training programs where you can play either an opponent or against the computer. The on-screen scoring display, realistic sound effects, and two-player option give Pro Tennis Tour the look and feel of an actual tennis game. Improve your service, master

your tennis strokes, and enjoy the 3-D instant replay feature of your best shots. $39.95
UBI Soft, 1505 Bridgeway, Ste 105, Sausalito, CA 94965, (415) 332-8749

Pro Tennis Tour II
Pro Tennis Tour II offers more options than the average player encounters in the real world. This simulation game includes training programs where you can choose from a variety of opponents–male and female–various court surfaces, personal skill levels including strengths and weaknesses, and singles and doubles, or even 'dirty mode' triples. Practice well, win the tournaments, and you can qualify for the Masters on the Pro Tennis Tour. Your objective is to improve your ranking by participating in major championships, such as the Australian, French, and U.S. Opens, Wimbledon, and the Davis Cup. Each championship event played on its unique surface: grass, clay, or cement. On-screen scoring display, realistic sound effects, and two-player option give Pro Tennis Tour II the look and feel of an actual tennis game. $49.95
UBI Soft, 1505 Bridgeway, Ste 105, Sausalito, CA 94965, (415) 332-8749

◆ **ProFlight**
The British Panavia Tornado is the fastest airplane in the world at ground level (Mach 1.2) and one of the fastest at any altitude. ProFlight uses complex and exact mathematical flight equations to mosel behavior to the Tornado and its missiles in flight to provide the maximum realism. These flight characteristics make ProFlight not only great fun to fly, but also easy to control. Universally hailed by Pilots everwhere as the closest you can get to flying without leaving the ground. Compatible with all Amigas. $49.95
Oregon Research, 16200 SW Pacific Hwy, Suite 162, Tigard, OR 97224, (503) 620-4919

Professional Football Simulation
You choose the game strategy and call the play. By utilizing true artificial intelligence routines, the computer uses the probability of the play's success against the defensive formation to determine the outcome. Allows modem play and keeping of individual stats of leagues, and comes with standard playbook containing all the popular offensive and defensive plays. $44.95
MicroSearch, Inc., 9000 US-59 South, Ste 330, Houston, TX 77074, (713) 988-2819

Project-X
It's the same old story; someone else's mistake has become your problem. The mad fools—the scientists did it for fun, they must have. No one wanted massive, mutated, insect-like droids, the ugly by-products of early biomechanical experiments—not me and certainly not you. Dumped on the planet Ryxx and left to stagnate and fade out, the sickening mutations not only survived but thrived. Their intelligence circuits warped, they are now seeking revenge for their tortured past. Fears of an all-out attack have forced the Federation into action! Your mission is simple. Fly to Ryxx, into the heart of the station the evil beings have made their lair, and blow the whole thing sky high! Game takes player through six sections. Two skill levels, choice of craft, choice of music or soundfx, many special effects and sound/speech effects, password system for players getting far into the game, much more.
Team 17 Software, Prospect House, Borough Road, Wakefield, W. Yorkshire WF1 3AB, England, 011-44-924-291-867

Prospector In The Mazes Of Xor by Logotron
Limited action-packed adventure game with a non-violent theme. Two prospectors, Herb and Pip, are trapped in the labyrinths known as the Mazes of Xor. In order to escape, they must collect the 845 blue balloons, which are hidden in the mazes, before Xor captures them. There are 30 different mazes available, plus an extra 15 that you can create using the maze constructor for a grand total of 45 different mazes and endless hours of enjoyment. $39.95
Eurosoft International Inc., 860 Merrimon Ave, #185, Asheville, NC 28804-2405

Pushover
G.I. Ant, a super-strong, super-smart soldier ant, is extremely clever and highly trained in tactical maneuvers. His latest mission is to gain access to the crazy world of Captain Rat's Treasure Caves. Straightforward? Not! This cave is a tunnel entrance to Domino Domain, a miniworld comprising nine different continents. G.I. must negotiate many screens of mind-teasing problems. Each level has a door to the next; to open it, the 'Trigger' domino block must be felled by causing a chain-reaction with all of the other domino blocks at that level. Easy? Not! Kickstart 1.2, 1.3. $49.95
Ocean of America, 1855 O'Toole Ave, Ste D-102, San Jose, CA 95131, (408) 954-0201

Quest for Glory II: Trial by Fire
As in the first game in the series, players construct their characters from the ground up. Players who have completed Quest for Glory I may bring their seasoned Heros to play in this second installment. Set among the mystical and exotic background of the Arabian Nights, Trial by Fire reaches new heights of humor and adventure. Requires 1MB memory. $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Quest for Glory: So You Want to be a Hero
Players will construct a character from the ground up, combining basic attributes of strength, agility, charisma, and intelligence into game characters. It's a combination of fantasy role-playing with the basic adventure game concept of going to a world and exploring it, finding things, and solving puzzles.
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

R/C Aerochopper Flight Simulation System
R/C Aerochopper Flight Simulation System on your home computer puts you as close to real R/C flying as you can get. It is designed to stimulate the experience of real flight and with the feel of actual radio hardware, can put you at the controls of a number of different airplanes, helicopters, ducted-fan jets, and even a glider. Various flying conditions can be set up by selecting one of 22 different, pre-programmed aircraft utilizing seven different aircraft images. Each R/C Aerochopper Flight Simulation System includes a Futaba Conquest dual joystick transmitter box with interface cable, software on disk, and owners manual. NTSC and PAL. $229.00
Ambrosia Microcomputer Products, Inc., Ste. 371, 98 W. 63rd St., Willowbrook, IL 60514, (708) 655-0610

RVF Honda
Simulation of formula-like motorbike racing. $39.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

Railroad Tycoon
In Sid Meier's Railroad Tycoon, feel the pride and excitement of creating an industrial empire in the Golden Age of Railroads. Explore and develop new markets in the U.S. and Europe. Stay up-to-date with locomotive technology. Compete against rail barons eager to crush you or brush you from their path. $59.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

Ramify
Thousands of years ago royalty and common men alike played games consisting of pits and using pebbles or jewels as playing pieces. Sometimes the games were played for high stakes, including rubies, sapphires, and slaves. Ramify is based on these Mancala games. We believe you will find it as addictive as the kings and maharajahs of old found it, and we have modernized it for your computer. In this version you are playing for megabytes of RAM chips. NTSC/PAL. $39.95
Expert Services, 7559 Mall Rd, Florence, KY 41042, (606) 371-9690

Rampage
Smash and trash. Go ahead, get it out of your system, lose your temper, smash a skyscraper, trash a city, and have an office building for lunch. Go on a rampage. Includes one- or two- player options, choose any of three mischievous monsters to control, 147 different cities to trash. Super colorful graphics and arcade-style animation. $39.95
Infocom, Division of Activision, 11440 San Vicente Blvd., Ste 300, Los Angeles, CA 90049, (310) 207-4500

◆ **Realms of Arkania—Blade of Destiny**
The proud Thorwalians of Arkania's Northern Beaches face a dismal future. Rumors abound of a waiting army, banded together under one powerful Orc chieftain, standing ready to lay waste to Arkania's town and villages. All hope of survival rests on your ability to discover the wherabouts of a legendary artifact thought lost with its Wielder in the midst of Orcish territory. Can this renowned sword, the Blade of Destiny, stop the siege? $59.95
Sir-Tech Software Inc, P.O. Box 245, Ogdensburg Business Center, Ste. 2E, Ogdensburg, NY 13669, (315) 393-6633

Red Baron
From designer Damon Slye, Red Baron recreates the thrill, excitement, and danger of early flight in World War I. Detailed in every aspect of combat intelligence characteristics of actual Aces and structural and flight characteristics of original airplane models. Historically accurate, it recreates an atmosphere more like an actual event than a game. Players can fly for German or Allied forces, engage in close range dogfights, blast observation balloons, take on zeppelins, and go head-to-head with more than 20 famous Aces! Fly single missions or campaign play with more than 40 back-to-back missions. Includes glorious 240-page manual with color templates, maps, technical specs, historical backgrounds, pilot profiles, and aerial tactics. $59.95
Dynamix, division of Sierra On-Line, 99 W.10th, Ste. 337, Eugene, OR 97401, (503) 343-0772

Red Storm Rising
Focuses on the tactical operations of an American nuclear attack submarine after a crushing invasion of Western Europe by the Warsaw Pact. The player's mission as submarine commander is to locate and destroy Soviet submarines and surface vessels as they leave their base near the Arctic Circle, before they can reach the Atlantic to disrupt the shipping of U.S. men and supplies to the battle front. Based on Tom Clancy's best-selling novel of the same name, the game presents the player with five types of radar and sonar devices, five classes of sub-launched missiles, and three versions of programmable torpedoes. The high-tech gear produces a riveting effect, and with all the data and high-tech decisions the player has to make, the pressure of playing cat and mouse with another sophisticated submarine can be awfully intense! $54.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

Red Zone
Fire up your fast track racing motorbike as you take on one of the world's most famous raceways. Jostle for position and work your motorcycle through the pack striving for the checkered flag. Specially optimized code takes advantage of accelerated computers. Authentic recreations of famous circuits, first and third person viewpoints, practice laps, action replays, more. $19.99
Psygnosis Limited, 675 Massachusetts Ave., Cambridge, MA 02139, (617) 497-5457

Renegade Legion: Interceptor
Take command of a fighter squadron and fly with the Elite Forces of either side in the never-ending wars between Terran Overlord Government and the Commonwealth. Dogfight with deadly 69th century starfighters–24 standard fighter types are included, or custom design your own. Arm fighters with high-tech weaponry, such as mass-driver cannons, lasers, electron and neutron particle guns, and many types of missiles. Fly over a dozen mission types, including anti-piracy, space station defense, enemy fleet interceptions, and wild melee engagements. $19.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

Rick Dangerous
Combines fast-action arcade adventure with humorous graphics and strange sounds to give gamers an alternative to the-fight-to-the-death genre of entertainment software. The hero, armed only with a six-shooter, some dynamite, and a big stick spends most of his time trying to stay alive amidst the mayhem of a variety of exotic, dangerous locales. Rick fights for his life in four scenarios: an Amazon temple, where he must dodge hostile tribesmen; an Egyptian pyramid, where he squares off against ruthless assassins; a Nazi prison camp,

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where he fights to free Allied POW's; and a Nazi missile base, where Rick is the last hope of the free world. Each scenario calls for fast reflexes and the ability to solve puzzles appearing at a moment's notice and leaving little time to find the answer. $34.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

Rick Davis's World Trophy Soccer
The new state-of the-art in sports simulation. Arcade action brings the realism of world class soccer to your home computer in this direct translation of the super high energy coin-op arcade game.Team up with Rick Davis to play soccer better than you've ever played before. Includes real-to-life animation, multidirectional scrolling, accurately simulated free kicks, goal kicks, corner kicks, and throw ins. Single or double player simultaneous action. Pass, tackle and shoot your way through the qualifying rounds with the world's best soccer teams! 512K-$39.99 & 1MB-$49.99
Virgin Games, Inc., 18061 Fitch Ave., Irvine, CA 92714, (714) 833-8710

Riders of Rohan
Based on J.R.R. Tolkien's Lord of the Rings, players get the chance to live out the traditional Tolkien storyline or build their own saga in true Tolkien flavor. Players can bring the peaceful land and dynamic characters to life with the realistic 3-D terrain and sophisticated wargame system. Command the elite cavalry of Rohan as Riders battle to save their lush green land from the wicked forces of darkness and rescue the captured Hobbits from a fate worse than death. Includes numerous sub games and combat sections. Available first Quarter 1992. $19.95
Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Rings of Medusa
You are the young Crown Prince of Morenor whose father's kingdom has been stolen by the evil goddess Medusa with her amazing diabolical magic. Your task is to challenge Medusa to the final fight. To do this, you will have to conduct trade, find treasures, equip an armada of ships and engage in sea battle, hire warriors for your land army and go into battle, gamble in the Casino of the Trolls; explore 33 cities, 13 castles, and three islands. Find five hidden rings in the kingdom and place them together in the temple of the Athenians to call Medusa into final battle. $49.95
DigiTek Software, 1916 Twisting Lane, Wesley Chapel, FL 33543, (813) 973-7733

Rise of the Dragon
In Los Angeles, year 2053, the Age of Decay has begun. Pollution, sickness, crime, and drug abuse abound. The beast, the Dragon, has waited centuries to reclaim Heaven and Earth. He has come back to restore chaos to the universe and rule once more. But it is written that one will sacrifice all—William 'Blade' Hunter, Private Investigator. His violent techniques and disregard for regulations got him an early retirement from the LAPD, but now he'll fulfill the prophecy—the fall of the Dragon.
Dynamix, division of Sierra On-Line, 99 W.10th, Ste. 337, Eugene, OR 97401, (503) 343-0772

Risk
It's the classic game of world domination! Challenge your powers of strategic planning in this game of fierce attack and vigilant defense, bold strikes, and cunning traps. Victory depends on how you deploy your forces, where you fortify your frontiers, and when you attack your enemies. $39.99
Virgin Games, Inc., 18061 Fitch Ave., Irvine, CA 92714, (714) 833-8710

Road Raider
Battle crazy rebel cars, shoot down armies of slimy mutants and test your skills in demolition derby rings in this action-packed road adventure, created by Chris Gray. Three unique game environments, three increasingly difficult levels, a variety of weapons, and add-on car supplies will keep even the most experienced game players challenged. $39.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

RoboSport
In the future, robots do battle for the amusement of humans. Program maneuvers for as many as four teams of up to eight robots each. Program teams to be crafty, defensive, ferocious, or stupid. Robots battle in 24 arenas of three types: manicured suburb streets, giant computer motherboard, or rubble of a devastated town. Play on one computer, on two computers via serial or modem link, or on up to four computers over any PC network that supports TCP/IP v2.0. Also networkable with Mac or Windows version for two-computer competition. $59.95
Maxis, Two Theatre Square Ste. 230, Orinda, CA 94563-3041, (510) 254-9700

Robocop 3-D
OCP is sending in Rehab Officers to clear the streets of Old Detroit, making way for the construction of Delta City. When Robocop sees helpless families forced out of their homes as the bulldozers move in, he joins the resistance movement to battle the Rehabs! Armed with a new multi-weapon arm attachment containing a large-bore cannon and a smart bomb, plus a gyropack for airborne assault capability, Robocop faces a battalion of Ed-209's, tanks, heavy artillery, and a new adversary, Otomo. Kickstart 1.2, 1.3. $49.95
Ocean of America, 1855 O'Toole Ave, Ste D-102, San Jose, CA 95131, (408) 954-0201

Romance of the Three Kingdoms
China's second Han dynasty has collapsed. The entire nation battles with itself as warlords struggle for supremacy. As a warlord, you must defeat your enemies and control the country. Manage the states under your control to increase your power and resources. Cope with disasters, both natural and otherwise, choose good subordinates, and win their loyalty. Do your best to contol and manage your empire. $69.95
Koei Corporation, 1 Bay Plaza, Ste. 540, 1350 Bayshore Highway, Burlingame, CA 94010, (415) 348-0200

Romance of the Three Kingdoms II
New version has better graphics, more detailed scenarios, improved tactical and strategic options. The second Han Dynasty of China is crumbling. As a mighty general, beat your enemies and gain control of the country. Use your ruling powers wisely to enrich your territory and gain the people's loyalty. Develop alliances with other rulers to attack stronger foes. Along the way, obtain the spoils of war to increase your abilities, giving you an advantage over your enemies. $69.95
Koei Corporation, 1 Bay Plaza, Ste. 540, 1350 Bayshore Highway, Burlingame, CA 94010, (415) 348-0200

Romantic Encounters at the Dome
Adult text game set in the sophisticated hi-tech private club called The Dome. Play out different personae: be romantic or reckless, etc. $24.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Rotor
A strategy-oriented arcade game, where you are in command of a highly sophisticated rotor craft, flying solo through enemy fortresses in an effort to destroy their primary defense systems. Along the way you must collect fuel and energy to power advanced Rotor features. There are a total of 18 missions, with a password system to resume play on higher levels. $12.95
Microdaft, 1012 South Main Street, Taylor, PA 18517, (717) 562-0650

Rotox
The troopers are Cyborg Class 2-A, approved to carry heavy energy weapons and tactical missiles for off-world combat. Specially constructed landscapes in deepest space provide a nightmare environment of deadly machines and hostile life forms. Mistakes are fatal, but success will lead Rotox to the high powered weaponry he needs to escape. Ten levels, state-of-the-art graphics, and music. Weapons include scatter-bombs, grenade launchers, jet packs, and heat-seeking missiles. $39.95
U.S. Gold, Distributed by Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (415) 513-8929

Rules of Engagement
Command a fleet of starships, engaging enemy ships in multiple combat missions. All aspects of those personalities under your command must be considered when issuing orders and responsibilities. Includes mission builder, allowing you to customize existing missions or create entirely new ones. Design enemy races, starships, solar systems, and even individual personality traits of your fellow ship captains. Thousands of different combinations of opponents to choose from. You have option to load and run Breach 2 scenarios whenever the player attacks selected outposts by being played in conjunction with the Interlocking Gaming System. Requires at least 1MB. $59.95
Mindcraft, 2291 205th St., Ste. 201, Torrance, CA 90501, (800) 525-4933

◆ **Rules of Engagement 2**
A real-time, strategic space combat game, Rules of Engagement 2 takes you where no computer game has gone before! As Fleet Commander in charge of a fleet of starships, you must engage enemy vessels and destroy hostile outposts to protect the Federated Worlds. Design and construct ships and their captains using both a mission and a campaign builder, or play one of the five campaigns included with the game. $69.95
Impressions Software, 222 Third Street, Suite 0234, Cambridge, MA 02142, (617) 225-0500

SLAPSHOT!
Hockey simulation uses digitized audio and team editing capabilities. Includes animated penalty calls and fights. Runs in real time. $59.95
Bethesda Softworks, 1370 Picard Drive, Suite 120, Rockville, MD 20850, (301) 926-8300

Santa Paravia and Fiumaccio
Strive to become King of your Medieval Italian city/state. Set taxes, buy and sell grain and land, build mills, markets, cathedrals and palaces, and make your town grow. The better your abilities, the higher your rank becomes. One to six players can compete to become King or Queen first! Full graphics. Three levels of difficulty. $24.95
StarSoft Development Labs, 3500 Aloma Ave. #D-2, Winter Park, FL 32792, (407) 657-7553

Santa Paravia and Fiumaccio (Tournament Version)
As in the original Santa Paravia you strive to become King of your Medieval Italian city/state. Set taxes, buy and sell grain and land, build mills, markets, cathedrals and palaces, and make your own town grow. This time all players meet the same conditions each year. Two to six players may compete to become King or Queen first! Full graphics. Three levels of difficulty. $29.95
StarSoft Development Labs, 3500 Aloma Ave. #D-2, Winter Park, FL 32792, (407) 657-7553

Savage
In Savage, the player is a powerful warrior searching for his kidnapped princess. To rescue her, he must battle his way through three challenging game scenarios. In the first, the hero beginning with only a battle axe must survive the evil creatures, and unavoidable obstacles within a tunnel-ridden dungeon. In the second level, Savage is on foot, racing toward the castle where his princess is held captive. The player must negotiate his way through fast-scrolling screens, avoiding the obstacles that appear without warning to intercept him. In the third level, the hero telepathically communicates with a magical eagle that flies through a mystical maze seeking to complete the quest. More evil demons, strange creatures and lethal traps appear throughout to thwart the final stage of the rescue. A great diversion from the real world. $34.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

Scenery Disk #11
Includes the Northeastern border of the United States. Incredible variety, from industrial Detroit, to beautiful Lake Huron and Niagra Falls. $29.95
subLOGIC Corporation, 713 Edgebrook Drive, Champaign, IL 61820, (800) 637-4983

Scenery Disk #7
Can be used with Microsoft Flight Simulator to greatly expand the user's flying environment. Features hundreds of miles of coastline, many rivers and roads, railroads, racetracks, and transmitter towers from the East Coast of the U.S.A., in detail from Washington, D.C. down through Key West, Florida. Over 130 airports will challenge the most seasoned Flight Simulator enthusiast. $29.95
subLOGIC Corporation, 713 Edgebrook Drive, Champaign, IL 61820, (800) 637-4983

Scenery Disk #9
For use with all subLOGIC flight simulation products. The disk covers the Chicago, St. Luis, and Cincinnati sectional areas in unprecedented 3-D detail, and is appropriate for both visual flight (sight-seeing) and VFR or IFR cross-country navigation. Scenery Disk #9 covers more than 300,000 square miles of the midwest United States with over 150 airports and more detailed cities than ever before. $29.95
subLOGIC Corporation, 713 Edgebrook Drive, Champaign, IL 61820, (800) 637-4983

Scrabble
Play Scrabble with friends or against the ultimate opponent, your own computer. Build your vocabulary and strategic abilities by playing through the different skill levels, from beginner to advanced. An ingenious combination of strategy and luck makes this game beloved of word lovers and gamers alike. $39.95
Virgin Games, Inc., 18061 Fitch Ave., Irvine, CA 92714, (714) 833-8710

Second Front
A division-level strategic game on a grand scale that will appeal to advanced wargamers. The map extends from Berlin in the West to Stalingrad in the East and covers the entire Russian Front. One or two players command over 150 German divisions and over 200 Soviet divisions, with asset information available to the individual tank, plane, and infantry squad level. $59.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

Seconds Out
Real-time, arcade-action boxing game. Superb animation and game play, with a touch of humor. Take on five different opponents in your quest for fame and fortune and a coveted World Title. $29.95
StarSoft Development Labs, 3500 Aloma Ave. #D-2, Winter Park, FL 32792, (407) 657-7553

Secret of the Silver Blades
Set in TSR's Forgotten Realms game world, the gamer will explore the most sophisticated AD&D fantasy role-playing games which include mines, dungeons, ruins, and ice castles. The player will battle monsters never before encountered, such as gargoyles, cloud giants, hydras, and other fierce foes. With the use of higher character levels, the user can invoke many other new powerful spells like: barkskin, charm person, delayed blast, and the fireball. $19.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

◆ **Severed Heads**
A murder-mystery adventure game utilizing icons, and a mend system for more detail conversation ability. The year is 2255 and young woman are being dismembered. You play an undercover agent masquerading as a surgeon at the Cryogenic Research Company and are chareged with solving the series of murders and stopping the spread of an illegal drug. Good luch and don't lose you head! Only available directly from R.A.W. Entertainment. $29.95
R.A.W. Entertainment , 957 NASA Road One, Ste. 146, Houston, TX 77058-3098, (713) 286-2386

Sex Vixens From Space
Adult graphic adventure game. As Captain Brad Stallion, you must locate The Tribe, a colony of beautiful female clones from the planet Mondo who have been raiding the male population. Cruise throughout the galaxy in a one-man vehicle. $39.95
Mainstream America, 1012 South Main Street, Taylor, PA 18517, (717) 562-0650

Shadow Sorcerer
This animated adventure offers a fantastic feature: You control the four heroes in your party simultaneously—even during fully-animated real-time combat. This fast-paced adventure boasts a point-and-click game system that's easy to use. And just in case things get out of hand, your heroes come with pre-set strategies, even before combat begins. $49.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

Shadowgate
This action begins at the foot of a huge castle filled with menacing creatures, secret passageways, collapsing floors, and other surprises. To survive the perils of castle Shadowgate, find the evil Warlock Lord before he summons the Titan Behemoth to destroy the world. $49.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Shanghai
Strategy tile-matching game based on an ancient Chinese game. Remove the tiles that match the dragon. First player to run out of tiles wins. More complicated than it sounds! $39.95
Infocom, Division of Activision, 11440 San Vicente Blvd., Ste 300, Los Angeles, CA 90049, (310) 207-4500

Shinobi
Use your Ninja might and magic as you attempt to save the children of the world's leaders from ruthless terrorists in this adaptation of the Sega arcade hit. This game takes you through five rescue missions, each ending with a confrontation with the Master Force. $49.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Shoot 'Em Up Construction Kit
For those people who are certain they can create a shoot 'em up game better than any they've seen at their local software store, Shoot 'Em Up Construction Kit provides them with all the tools to do just that. Three pre-designed games are included on the disk, and game designers can choose to tailor any of these to their own specifications or start from scratch to create an entirely unique game. $19.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Shufflepuck Cafe
Shufflepuck Cafe is a simulated air-hockey game that pits the player against nine different opponents, all of whom are regulars at the Shufflepuck Cafe, a seedy saloon reminiscent of the bar in Star Wars. The habitues are a motley crew from throughout the galaxy. They gather here because they love air hockey and this place has the last known game in the universe. Players can challenge any opponent and a droid keeps score on a chalkboard behind the table. Although each opponent has a unique style of play, they are also intelligent; so they're apt to change their tactics as they play. Players who succeed in winning a tournament get to place their names in the Roster of Champions. To keep the game challenging, several game elements are adjustable, including paddle size, bounce, and hit strength. For even more variety, players can change the playing characteristics of DC3-ALSO, the practice droid. Experienced game players will be challenged by the game's diversity and a range of difficulty. $39.95
Broderbund Software Inc., 500 Redwood Blvd., P.O. Box 6121, Novato, CA 94948-6121, (800) 521-6263

Side-View Game Option Module
Play Omni-Play Basketball with the new Side-View Game Module and you'll enjoy the sport from a whole new perspective. Coach and/or play down on the hardwood, but now you lead the team as its Center at all times. Run anywhere on the court. Set picks. Call for the ball and teammates will give it to you whenever you want. Drive through the lane and get the quick two, stay on the perimeter and hit for a three-pointer or stuff a rebound back in the basket. Double-and-triple team options are even possible! Enjoy the game from the best seat in the house—down low courtside. From this new perspective and playing mode, see every second of hoop action from the eye of a TV camera following the ball left to right, down the court and back again. Need more thrills? Look for the acrobatic cheerleaders to heat up the action at half-time. $14.95
SportTime Computer Software, 3941-E So. Bristol St. Ste. 551, Santa Ana, CA 92704, (714) 966-0207

Silent Service
Action and strategy. Stalk enemy convoys through the waters of WWII's South Pacific. You make the crucial decisions. $39.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

Silent Service II
Silent Service II updates the classic with advances in sound, graphics, and game design, including new targets and scenarios. Digitized photographs depict enemy ships with uncanny realism. The new campaign option tracks your career with promotions and commendations. Realistic sounds and original music, as well as digitized speech. $59.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

SimAnt-The Electronic Ant Colony
SimAnt, the latest simulation game from Maxis, puts you in command of an ant colony out to conquer a suburban backyard. You directly control one ant and manipulate the composition and behavior of your colony to overcome rival red ants, hungry spiders, and human feet, in order to reach your goal—the house and its abundant food supply. $59.95
Maxis, Two Theatre Square Ste. 230, Orinda, CA 94563-3041, (510) 254-9700

SimCity
The city simulator strategy game. You become mayor and planner of your city. Fully animated with graphics and sound. Features include cars, boats, helicopters, and monsters. Includes eight cities on the verge of disaster: San Francisco before the earthquake, Tokyo before the monster attack, Boston before the nuclear meltdown. See CDTV section also. $49.95
Maxis, Two Theatre Square Ste. 230, Orinda, CA 94563-3041, (510) 254-9700

SimCity Graphic Set 1–Ancient Cities
Ancient Cities includes Ancient Asia, Medieval Times, and the Wild West. You, as Shogun of Ancient Asia, must lay down enough rickshaw tracks to keep the Sims from jamming the roads on their way to the Sumo wrestling contests. Or be king (or queen) for a day and raise gold to build your castle by taxing the rabble—but not so much that they revolt. $34.95
Maxis, Two Theatre Square Ste. 230, Orinda, CA 94563-3041, (510) 254-9700

SimCity Graphic Set 2–Future Cities
Future Cities gives players access to Future U.S.A., Future Europe, and Moon Colony. In Future U.S.A. and Future Europe, you can build fusion or fission plants to power your gleaming cities. Or shuttle off to the Moon, where you can found your own mining and research colony among craters and dust canals, while repairing meteor damage and fighting off the creeping acidic fungus. $34.95
Maxis, Two Theatre Square Ste. 230, Orinda, CA 94563-3041, (510) 254-9700

❷ **SimEarth—The Living Planet**
SimEarth challenges players to manage a simulation of Earth riddled with pollution, global warming, and nuclear war. If this seems too real, start over and create a fantasy world of intelligent dinosaurs and carnivorous plants. Lay down different terrains, introduce animal species, or let them naturally evolve; view the planet as a flat map, or revolving globe; even try transforming the hostile environments of Mars and Venus. The possibilities are endless! $69.95
Maxis, Two Theatre Square Ste. 230, Orinda, CA 94563-3041, (510) 254-9700

Ski or Die
Shred snow in this multi-event winter thrasherland. Carve up a speed-fed snowboard halfpipe, punch the ozone in the acro-aerial ski jump, smash your opponent in the innertube thrash, blast snowballs at unsuspecting targets, and torch your hair in the full-out downhill blitz. Rodney and Lester–everybody's favorite abusive tag team–are back again. Subzero arcade/action madness! $49.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Skyblaster
Fast-paced 3-D air/ground combat simulation. Battle planes and tanks from your helicopter. Solid graphics and extremely challenging, Skyblaster will provide hours of entertainment for avid game players. $14.95
DigiTek Software, 1916 Twisting Lane, Wesley Chapel, FL 33543, (813) 973-7733

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Entertainment

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Sleeping Gods Lie
A dying priest of the Kobbold Old Way bequeaths a sacred quest: to find and wake N'Gnir, an Old God rumored to slumber in one of the farthest flung of Tessera's eight kingdoms. Battle your way through 94 landscapes, fending off demons and bandits, befriending princes and hermits, winning knowledge and strength as you travel. Arm yourself with slings and crossbows, protect yourself with camouflage and dragonskin, and find the Ring of Annihilation. $49.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

Sliders
The rules of the game are simple. You have to try to score points by shooting a small ball into your opponent's goal area. The game play, however, is intensly interactive requiring concentration, strategy, and skillful reflexes. Test the skills of an opponent or challenge the computer to any of the 12 different playing arenas. Develop advanced game tactics, managing the intense and fast-paced gameplay. Perform complex maneuvering, swift interception, defense, multiple ricochet, and instinctive shooting. $49.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Space 1889
Space 1889 recreates the solar system as envisioned by the scientific theories of the 19th century, and in the imaginations of such classic writers as Jules Verne, A. Conan Doyle, and H.G. Wells. Imagine outer space is not a vacuum, but is instead filled with luminiferous ether that can be negotiated with modified sailing ships. Imagine further that the planets Mercury, Venus, Mars—even the Moon—are not lifeless, but populated by a variety of bizarre alien cultures. You've just imagined the universe of space 1889—a mystery/role-playing adventure combining history and classic science fiction. $59.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

Space Ace
Space Ace continues in the tradition of Dragon's with breathtaking graphics, animation, and sound brought to life on the Amiga. Our hero, Ace, is being attacked by the evil commander Borf, who has just kidnapped Ace's girlfriend Kimberly. Borf's plans are to take over the Earth by changing everyone into babies using his dreaded weapon–the Infanto Ray. It is your mission to save Earth. Be valiant, space warrior, the fate of Earth is in your hands! $59.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

Space Ace II: Borf's Revenge
Featuring full-screen animation and digitized sound, Borf's Revenge begins where Space Ace I left off–in the space ship of the evil Commander Borf with Borf having just been turned into a baby by our hero Ace. But just when you thought Earth was safe from the evil commander, his little henchmen, The Goons, have blasted Borf a second time with the Infanto Ray, bringing him back to his full age...and evil. Lead Ace through battles with the goons and other of Borf's allies until you must ultimately do battle with the evil commander himself. $59.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

Space Harrier by Sega
Prepare for the most fantastic space battle ever in the home computer version of this classic Sega arcade hit. Zoom through a spectacular 3-D landscape as you fight off a myriad of bizarre creatures, including slithering serpents, fearless robots, and eerie stone masks throwing fireballs. $49.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Space Quest I: The Sarien Encounter (Updated Version)
Help Roger Wilco, sanitation engineer turned interstellar swashbuckler, recover stolen Star Generator from villainous Sariens. But if you think you know this game—Beware! Those Two Guys from Amdromeda whipped up some new space magic and modernized this version with Amiga graphics, full-stereo soundtrack, celestial sound effects, and enough new puzzles to explode a meteor. Now emulates 1950's sci-fi movie but with 90's state-of-the-art animation and point-and-click interface. Six low density disks, hard disk installable. Requires 1MB and Workbench 1.2 or greater. Supports Amiga 4-voice sound. $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Space Quest II: Vohaul's Revenge
Roger Wilco returns in this Vohaul's Revenge sequel as a space hero trying to defeat the evil scientist, Sludge Vohaul. Colorful animated graphics. $49.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Space Quest III: The Pirates of Pestulon
Once again Wilco is called to battle Pestulon pirates and to save two software authors, The Two Guys from Andromeda, from a shallow life of writing arcade games. $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Space Quest IV: Roger Wilco and the Time Rippers
This time Roger Wilco journeys from the 16-color past of Space Quest I to the frightening future of Space Quest XII, one step ahead of the Sequel Police, a group of nasty assassins. Sludge Vohaul has been reincarnated in a ghastly new form, and only Roger can stop his nefarious plans. Roger emerges as a more complex character than in the early games, and even gets to meet his yet-to-be-born son in a future scenario! $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Space Rogue
Sophisticated 3-D space flight simulation and intriguing role-play. Features superb graphics as you maneuver through twisting worm tunnels, turbulent ion storms, and dazzling shard fields. Lock onto streaking cruisers with your plasmatorps, zip through treacherous Malir gates as you seek your fortune as a merchant, pirate, or bounty hunter! Includes 90-page novella, reference card, map, and playbook. $49.95
Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Space Spuds
A 3-D arcade game designed for use with Haitex' X-Specs 3-D Stereoscopic Vision system. Players confront an intergalactic food fight as fat-filled junk food assails their shapeless ship. Colliding with the junk food causes players to gain weight until they explode. Haitex' X-Specs 3-D glasses offer a 3-D view of the assault. The LCD shutter glasses lug into the second joystick port. The system also allows users to create custom images. Package includes game, X-Specs 3-D glasses, Molecule 3D (a display program), D3-D (displays static images), and Cubes 3-D, a game in which cubes dance right out of the screen. 512K minimum. $149.95
Haitex Resources, P.O. Box 20609 , Charleston, SC 29413-0609, (803) 881-7518

Space Wars
Space War is outer space combat action at its best. One or two players fight it out for a sector of space. Space War follows in the tradition of classics like Asteroids™ and features arcade-quality graphics and sounds to enhance the heart-stopping action that surrounds your space-faring warship. Play alone or combat another armchair starfighter in the most exciting and dangerous sectors of deep space. Players have a choice of six different ships and four different space sectors. Features include two-player simultaneous play, animated menu screens with narrated digitally-recorded speech, digitized graphics, and giant animated objects. $39.99
Odyssey Software, P.O. Box 367, N. Eastham, MA 02651, (508) 240-2317

Spacewrecked–14 Billion Light Years from Earth by Gremlin Graphics
In this outerspace adventure, the Commander of the Regal Fleet Flagship sends a desperate S.O.S. A defective light speed jump brought the fleet of ships too close to a Wolf-Raert star going nova, and the Commander's fleet of biological survey ships is immersed in deadly radiation. All systems have failed, and alien life-forms are threatening him and his crew. Players must explore the 20 ships in the fleet, return all systems to 80 percent efficiency, capture the aliens, and steer the ships back to earth. $19.95
Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Speedball 2 - Brutal Deluxe
In this sequel to Speedball, players are challenged to turn the worst team in Speedball history—Brutal Deluxe—into champions. PLayers can be team manager or Speedball player and gear up with helmets for greater intelligence, chestplates, and other weaponry. Players can collect coins and tokens to purchase equipment and to alter the game play. In addition to scoring points via the goal, Speedball 2 - Brutal Deluxe awards players points for injuring the opponent and for bouncing the steel ball off bounce domes and score multiplier ramps. $39.95
Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Spoils of War
Strategic/management war game about discoveries, colonization, and conquests of foreign lands on faraway continents. Features: Nine different starting situations; two to four players (human or computer); 19 levels of difficulty; four seasons; governors, generals, and admirals to command with loyalty and adminstration values; command infantry, cavalry, artillery, fleets, more. Requires 1MB. Only available directly from R.A.W. Entertainment. $34.95
R.A.W. Entertainment , 957 NASA Road One, Ste. 146, Houston, TX 77058-3098, (713) 286-2386

Sport of Kings
Formerly Omniplay Horseracing. The thoroughbred in all its splendor and grandeur brings you all the thrills of this royal sport. $19.99
Virgin Games, Inc., 18061 Fitch Ave., Irvine, CA 92714, (714) 833-8710

Spot
Spot comes alive and boogies across your computer screen with commercial-quality graphics and sound. Fully-animated game pieces. One to four player modes, played against your friends, computer players, or a mixture of both. Nine selectable levels of computer skill. An on-screen playfield designer lets you can customize your own game or select your personal favorite playfield from the 512 pre-programmed playfields. $39.99
Virgin Games, Inc., 18061 Fitch Ave., Irvine, CA 92714, (714) 833-8710

Stable Owners Option Module
By adding the Stable Owners Option Module to your original Omni-Play Horse Racing game, you'll now enjoy the Sport of Kings from a whole new perspective. The Stable Owners Option Module allows you to join the elite class of thoroughbred ownership giving you control over the destiny of your own horses. The stakes are high, but so are the rewards. Experience firsthand the trials and tribulations of being stable owner. Put together your own personal stable of Claiming, Allowance, and Stakes Horses. Hire jockeys and match their skills against the competition as you now enter them into the races of your choice. The Stable Owners Option Module provides true fans with in-depth challenge and strategy. Up to four human players can participate at the same time against other computer opponents. $14.95
SportTime Computer Software, 3941-E So. Bristol St. Ste. 551, Santa Ana, CA 92704, (714) 966-0207

Star Control
An action/strategy game. Star Control is set in Earth's future where a 3-D rotating star cluster is your battleground. The large star cluster cannot accomodate all the alien races which make up the Ur-Quan Hierarchy and the Alliance of Free Stars. As a one or two player game you may select battle cruisers from the Hierarchy or Alliance. Star Control contains nine different strategic scenarios each with varying starting and victory conditions. $49.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Starflight
The year is 4619. The mission: find colonizable worlds, gather minerals and ancient artifacts, and learn the secrets of alien races. As commander of an interstellar spaceship, players train a crew of up to six members from five alien species: humans, androids, insect-like Velox, reptilian Thrynn, and Elowan, a race of intelligent plants. A built-in fracral generator treats players to beautiful color animation that brings unprecedented realism to rotating planets and landing sequences. It includes 270 star systems and 800 planets. $49.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Starflight 2: Trade Routes of the Cloud Nebula
The Spemin, an arrogant race of slimey blobs, are back in Starflight 2—with new weapons, unlimited fuel, and grand hopes of turning the universe into a giant petri dish. You've got charm, wits, and a hot starship, but unless you discover the source of their fuel and technology, you and everyone you know will be serving mucous cocktails to the Spemin overlords. Talk and trade with 29 new and unique alien species, explore over 500 new worlds, and solve today's mysteries by experiencing the intricacies of the past. $49.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

Stellar 7
A futuristic arcade game, Stellar 7 combines strategy, hi-tech weaponry, and seven levels of action as players become the earth's only hope against invading Arcturan forces. At the controls of the earth's most sophisticated fighting machine, players will battle forces on seven worlds, and engage in hair-raising final confrontation with Gir Draxon, the supreme overlord of the evil Arcturan Empire. Users can choose between mouse, joystick, and keyboard support. Three-disk set, 32-color graphics, full sound support, and digitized voice. $34.95
Dynamix, division of Sierra On-Line, 99 W.10th, Ste. 337, Eugene, OR 97401, (503) 343-0772

Storm Across Europe
It's 1939: The fate of Europe is in your hands! The blitzkrieg that Hitler unleashed in 1939 swept across Europe like a terrible storm that raged for six years. Now SSI has designed this fast, exciting game that allows you to simulate the entire war on a grand strategic scale–in as short as one evening! Multiple scenarios and the ability to change starting levels for each country allow for endless variations. Up to three players can play this game, with the computer able to control the Allies and/or the Russians. $14.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

Stratego
In the computer version of Stratego, one player competes with the computer. As in the traditional game, each opponent is provided with a 40-piece army made up of officers ranked in importance according to their position in addition to one spy, six bombs, and one flag. Each opponent secretly sets up one side of the game board or battlefield, planning a defense and an offense. The objective is simple. Whichever side captures the opponent's flag first wins the game. The computer version leverages the ability of the computer by providing strategists with custom game boards and piece sets, a library of game set-ups, multiple levels of difficulty and digitized sound effects. $49.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Strikes Aces: International Bombing Competition
In 1984 the skies of North and South Dakota rumbled with the deafening sounds of the world's most powerful attack aircraft as they participated in competitive operations. For this epic event, the armed forces of each of the NATO/WARSAW pact nations were invited to bring their top gun pilots and their best strike aircraft together for a Strategic Air Command (SAC) Bombing Competition. During these extraordinary operations, top gun crews participated in a series of air-to-air and air-to-ground strategic missions, wherein priceless training was received. In this new flight simulation, players recreate this 1984 competition. Combining combat, strategy, and a wide range of challenging strike missions with detailed replicas of 13 different aircraft, Strike Aces allows computer pilots to take to the controls of six aircraft, including a Russian MIG, on 16 different combat intensive missions. $49.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

◆ **Strikes-N-Spares Bowling**
Strikes-N-Spares offers a 3-D perspective of the lanes and gives the most realistic feel of bowling to come from a computer. Two interfaces are offered. The ball can be thrown with a mouse or screen gadgets are avilable for total control over ball speed, poition, curve, and direction. Multiple players are supported and a player roster is also available to store individual statistics. Strikes-N-Spares is hard-disk installable, supports multi-tasking and will run on all Amiga models with 1MB of RAM. $49.95
Beyond Entertainment, P.O. Box 81, Glendale, AZ 85311-0081, (602) 846-2006

Strip Poker III
Strip Poker III offers three new opponents who take you on in a challenging game of poker with some very different table stakes! You can play against one, two, or three opponents simultaneously. The graphics have been extensively updated, using the Amiga's hold and modify (HAM) graphics capability to produce life-like displays. During play, all opponents are shown, with one opponent occupying a large play area and the others displayed in smaller windows. These windows can be swapped with the main opponent display at any time. The program uses digitized speech to better define each opponents personality. Additional data disks are available for $24.95. Requires 1MB. $49.95
Artworx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-6573

Stunt Island: The Flying and Filming Simulation
An island paradise is the setting for a brand new kind of simulation. The island complex was designed for the express purpose of staging and filming the most exciting and dangerous aerial stunts. Players will move up the ranks in either film making or stunt flying as they learn from the best of the best. P-51 Mustangs, the Pitts Special and other planes are at the player's disposal to try the hottest stunts imaginable. As a film maker, the player will learn camera placement, choreography, directing, and editing in pursuit of producing the ultimate thrill movie. Stunt Island is a simulator that can be creative as well as exciting. $59.95
Walt Disney Computer Software, Inc., 500 S. Buena Vista Street, Burbank, CA 91521, (818) 973-4390 sales

Stunt Track Racer
Race over 200 miles per hour on a narrow track hundreds of feet high, with all the twists and turns of a roller coaster but without the guard rails. You are up against drivers who know these turns and who know how to fly. You're racing to win, and on the stunt track circuit, winning is everything. $39.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

Super Off Road
Strap on your helmet, grit your teeth, and prepare to master mud heaven with Ivan 'Ironman' Stewart's Super Off Road. Shake, rattle, and roll your way through mud holes, jumps, matchoffs, and spin-outs in the closest thing to genuine short-course racing you'll ever experience. Race up to three players at the same time. Go wheel-to-wheel on eight different stadium tracks and a total of 16 configurations. Trade winnings for accessories at the speed shop to improve your chances at victory. Enough rough and tumble racing excitement to turn you into a lean, mean, off-road machine. $39.99
Virgin Games, Inc., 18061 Fitch Ave., Irvine, CA 92714, (714) 833-8710

Super Space Invaders
The arcade smash of the 1970's is back with a vengeance. Combines a host of features from the arcade classic like Phoenix, Gorf, and Galaxians. Optimized graphics and sound as well as loads of new and exciting waves. Aliens swoop at you from all angles and in dozens of different attack formations. Advanced players can find secret hidden levels, and there are wacky bovine bonus levels. Instantly playable and totally addictive. $39.95
Domark, Dist. by Accolade, 5300 Stevens Creek Blvd, San Jose, CA 95129, U.K. address in Vendor list, (415) 513-8929

Supercars
Add on car disk for The Duel containing the newest models of production cars including: The '88 Lamborghini Countach 5000s; the '88 Lotus Turbo Esprit; the Ferrari Testarossa; the Porsche 911 RUF, and the '89 Corvette ZR1. $21.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Superfrog
That snotty evil witch Margaret has been up to her tricks again. She's turned the prince to be into a garden frog and imprisoned his intended one in a horrible old tower. With the help of vitamins and a bottle of Newcastle Brown Ale, our froggy hero becomes Superfrog! Help our hero through six fantastic lands in order to get back his girl and vanquish the evil old crone and her curse. Meet Spud and Dudley; experience platform action full of fun, cartoon animation, and daft sound and speech effects.
Team 17 Software, Prospect House, Borough Road, Wakefield, W. Yorkshire WF1 3AB, England, 011-44-924-291-867

Superstar Ice Hockey
Sharp graphics and realistic play put you into the middle of the action of this sports simulation. Make the trades, recruit players from the minors, conduct training camps, make line changes, call strategies, and compete against your opponents in this multi-dimensional game. You act as player, coach, and manager. $49.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Swap
A sophisticated puzzle game based on squares, triangles, and hexagons. Swap them at will. The goal is to eliminate each shape by bringing two identical ones side by side. The level of difficulty becomes more complex as you move from an environment of squares through to hexagons. You will encounter more than 300 levels of play, millions of layouts, and billions of combinations. The game has two modes, practice and competition. $49.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Sword of Aragon
The Duke of Aladda has died and left his last will and testament to you, his only child and heir. The Duke's legacy is a gallant one, replete with deeds of valor in the defense of Aladda. By his efforts, the former capital of the western realm of the Aragonian Empire has returned to a proud state. It is your father's deepest wish that you once again extend Aladda's dominion and eventually sit on the emperor's throne in the city of Tetrada. $14.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

Sword of Sodan
Sparkling graphics with animated, screen-sized characters and dual roles let you challenge the odds as hero or heroine! $34.95
Innerprise Software, Inc., 1818 Potspring Road #30, Timonium, MD 21093, (410) 560-2434

Table Tennis Simulation
Table Tennis Simulation features singles and doubles games against the computer or with or against a human partner. Play in the World Championship against a select group of players—or up to 20 players. All techniques available: block, topspin, slice, high serves, net attacks; choice of paddle cover; saving and loading of rankings; training against a ball machine; etc. $34.95
DigiTek Software, 1916 Twisting Lane, Wesley Chapel, FL 33543, (813) 973-7733

Tangled Tales
Cast in the role of a wizard's apprentice, the player is given three progressively difficult tasks to accomplish as proof of their wizardly worthiness. Before long, discover an outlandish world that includes haunted houses, medieval fortresses, and

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contemporary country farms. From a few hours to a few days of time-tripping fun and excitement. Travel through time, across continents—even use a magic carpet! $29.95
Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Targhan
Win the ultimate battle of good vs. evil in the adventure of a lifetime! Be Targhan, the barbarian on the search for the evil one. Battle 40 different life-like creatures, each massive and detailed; explore 120 different landscapes, indoors and outdoors; use special weapons; drink potions to use the wizard's magic; fight giant dragons. $39.95
DigiTek Software, 1916 Twisting Lane, Wesley Chapel, FL 33543, (813) 973-7733

Team Suzuki
Live the sensation of a Grand Prix season with Team Suzuki, a first-person motorcycle racing simulation with 125cc, 250cc, and 500cc Suzuki mototcycles and 16 challenging circuits. $19.95
Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Teenage Mutant Ninja Turtles: The Arcade Game
A made for home computer version of the original coin-op game. Two-player simultaneous action for ultimate Turtle Power. Battle through eight levels. Guide the Turtles on skateboards and through burning buildings. Save April and defeat Shredder while battling over 600 enemies. $39.95
Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Terrain Editor
Custom design your own landforms for SimCity. Modify existing landforms. Place rivers, forests, coastlines, and bare land where you want them. $19.95
Maxis, Two Theatre Square Ste. 230, Orinda, CA 94563-3041, (510) 254-9700

Test Drive
Driving simulation lets you drive one of five sports cars. Game ends early if you drive too slowly, go off the road, or get pulled over. $19.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

Tetris
Requires fast thinking and quick reflexes. A variety of shapes descend from the top of the screen, player manipulates shapes into position to form solid rows. Challenge and speed increase at higher levels. $34.95
Spectrum HoloByte, 2490 Mariner Square Loop, Alameda, CA 94501, (510) 522-3584

The Addams Family
Uncle Fester has lost his memory and fallen under the spell of Abigail Craven, a conniver who wants to get her hands on the Addams' hidden fortune. She manages to capture and imprison the members of the Addams Family within their huge mansion. Only Gomez can save the day by freeing Pugsley, Wednesday, and Granny—and by restoring Uncle Fester's memory. Then Gomez must find Morticia in the underground vaults and confront the evil Judge in a kooky, spooky climax! Kickstart 1.2, 1.3. $49.95
Ocean of America, 1855 O'Toole Ave, Ste D-102, San Jose, CA 95131, (408) 954-0201

◆ **The Animation Classics Pack (bundle)**
Imagine the best animation for your Amiga and three titles all in the same package. ReadySoft presents Dragon's Lair II: Time Warp, Space Ace and Wrath of the Demon all for one incredibly low price. All titles were exceptional products for their graphics and animation. For any avid gamer these Animation Classics are a must have. $69.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

The Bard's Tale III: Thief of Fate
Someone or something has sealed the city's fate with an evil so vast that a host of Paladins and an army of Archmages are outmatched. Hard times call for subtlety. Smaller is best. Sneakier is best. What the world needs now is a thief. A compelling role-playing adventure with over 13 character classes and 80 dungeon levels. $49.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

The Bard's Tale II: The Destiny Knight
A new Bard story with a new villain—the Archmage. More dungeons, clues, monsters, wilderness, and more. $19.95
Electronic Arts, 1450 Fashion Island Blvd., San Mateo, CA 94404, (800) 245-4525

The Black Cauldron
Based on the popular Walt Disney movie. Several game solutions, music, and 3-D color graphics. $39.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

◆ **The Blue and the Gray**
Recreate the power and excitement of the Civil War. Starting in April 1861, you control either the North or the South in this historic struggle and continue the fight until victory! Create your own armies, name your units, and even recruit additional manpower if necessary. Then command your armies around a map of the American countryside. When two armies clash, fight out a Micro Miniatures battle in fast, high-resolution animation! $69.95
Impressions Software, 222 Third Street, Suite 0234, Cambridge, MA 02142, (617) 225-0500

The Chaos Engine
From Konami and Renegade. A massive global catastrophe has paralyzed a crumbling mansion in Victorian England—The Chaos Engine. This malfunctioned computer is distorting the fabric of time and space. A party of six must team up to destroy it. They must survive four levels of dark forests, sprawling industrial workshops, and the doomed mansion. Artificial intelligence is built into each character. Each character has unique abilities which vary as game develops. Players can control up to three characters at a time. Available second quarter 1992.
Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

The Chessmaster 2100
Whether you're just learning chess or you're a true pro, this is the game for you! We took the award-winning Chessmaster 2000 and made it even better...the result is a magnificent chess program that contains every option that skyrocketed 2000 to the top of the charts and more! Chessmaster 2100 offers an unlimited number of levels, triple the number of features, more and different classic games, and even greater in-depth analysis. $49.95
Software Toolworks, The , 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

The Colonel's Bequest
The Colonel's Bequest is the first of a new series of Laura Bow mysteries. As college coed Laura Bow, daughter of a New Orleans police detective, you spend the weekend with your schoolmate at her uncle's bayou mansion. It seems the family has gathered for the reading of patriarch Colonel Henri Dijon's will, and the group learns it will share in the old codger's wealth... if they outlive him! Call company for details. Requires 1MB. $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

The Colony
Enter The Colony and embark on an adventure so real and unique that you melt into the environment. Players become the space marshal who must explore a six-level colony to rescue survivors from a planet overrun by aliens. Combining action, strategy, and the most advanced 3-D algorithms in home computing gaming. This is the adventure game that captures science fiction at its best. $49.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

The Crossword Creator V1.1
Version 1.1 allows you to design, save, and print your own crossword puzzles. Fast 87,000 word pattern-matching dictionary. $49.95
Polyglot Software, 884 W. Melrose Lane, Boise, ID 83706, (208) 336-4583

The Cycles
Motorcycle racing simulation. Includes the actual international Grand Prix courses, three performance classes, and five different skill levels. You compete against nine world-class Grand Prix riders. $49.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

The Duel: Test Drive II
Racing simulation. Head-to-head racing with the world's two fastest (200 mph.) production cars: The Porsche 959 vs. the Ferrari F40. $49.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

The Game of Harmony
In this arcade game for the new age, players use a combination of strategy and concentration not to annihilate objects on the screen, but to keep them from blowing up. A one or two player game, players control a single spinning sphere, referred to as 'the seeker', on a screen filled with constantly moving, multi-colored orbs. The object is to create synergy by strategically maneuvering like-colored orbs together before they explode with tension. If two orbs of differing colors are allowed to synergize, they will create a small pod that can be gobbled up for energy if you act fast enough. Otherwise, this pod will expand into a completely new orb. Accompanied by randomly generated musical scores, the game contains 50 progressively challenging configurations (levels) randomly arranged with orbs which glide around the screen while you attempt to gain points, and eventually ultimate harmony. $29.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

The Godfather
A computer adventure which captures in graphic and blood chilling detail, the atmosphere of the Godfather trilogy. $49.95
U.S. Gold, Distributed by Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (415) 513-8929

The Gold of the Aztecs
For 400 years no one has dared to take up the toughest challenge man has ever known–to find Quetzacotl's Gold of the Aztecs. No one has dared, that is, until today. Bret Conrad, ex-Special Forces Commander is bored. His combat training has made mortal danger a way of life, and he's been looking for a death defying mission that he can really sink his teeth into. Over 80 screens of nonstop action and devious puzzles, 7,000 frames of animation, and 600K of music and sound effects. $49.95
U.S. Gold, Distributed by Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (415) 513-8929

The Hunt for Red October
The ultimate submarine simulation game! Armed with 26 SS-N-20 Seahawk missiles, this Soviet killing machine is capable of destroying 200 cities. Equipped with the unique Caterpillar propulsion system, detection of the Red October is nearly impossible. Your mission: to defect to the West. Test your brilliance in stealth, evasion, and navigation as Commander of the Red October!
Software Toolworks, The , 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

The Keys to Maramon
The world of The Magic Candle has many tales to tell. The Keys to Maramon is one of the best—a tale of action, bravery, danger, and excitement. Join the tale yourself! Excite your brain and your finger to the max, and return with the keys to the city—The Keys to Maramon. $49.95
Mindcraft, 2291 205th St., Ste. 201, Torrance, CA 90501, (800) 525-4933

The Last Inca
The evil wizard Zulphosi was held captive under the rule of the three wizards from the new islands. After the last real wizard there died, he managed to escape. He now seeks revenge against the Inca people for their allegiance to the three wizards. Will you be the one to challenge Zulphosi? $39.95
Mainstream America, 1012 South Main Street, Taylor, PA 18517, (717) 562-0650

The Lord of the Rings
Based on the classic Tolkien saga, this is the first in a trilogy of games. Combining the elements of graphic adventure and role playing, it uses full-screen, top-down graphics, a point-and-click interface, an off-line paragraph system, and four-directional scrolling to maneuver players through the seven map world of Middle Earth. Primarily a game of exploration and information gathering, combat always remains an option, as Middle Earth is inhabited by orcs, wargs, dark riders, and a whole cast of Tolkien monsters. Starting out as Frodo, the hobbit, players can recruit characters to

join their party as they progress through the game. $54.95
Interplay Productions, 3710 Susan #100, Santa Ana, CA 92714, (714) 553-6655

The Lord of the Rings, Vol. II: The Two Towers
This role-playing adventure continues where The Lord of the Rings left off. The Two Towers allows players to control a party of benevolent characters in role-playing adventure as they battle orcs, trolls, and oliphaunts, and ultimately come face-to-face with the mysterious Two Towers. Colorful animation, 256 color VGA graphics, and a full musical score. Available 1st quarter 1993.
Interplay Productions, 3710 Susan #100, Santa Ana, CA 92714, (714) 553-6655

The Perfect General
Based on a series of tournaments played weekly over a period of 12 years. Bruce Williams Zaccagnino created the original design with a goal of simple game play with great depth of strategy. Uses very simple combat pieces with well-defined attributes and capabilities. Includes a wide variety of challenging scenarios, from very simple to highly complex. Each scenario has infinite strategic and tactical options available. You can discover virtually thousands of different games within each scenario. There is no single correct strategy! This is one game you won't tire of for many years to come.
Quantum Quality Productions, 1046 River Avenue, Flemington, NJ 08822, (908) 788-2799

The Plague
Purge the planet from plague-infested mutants in this incredible new game! $39.95
Innerprise Software, Inc., 1818 Potspring Road #30, Timonium, MD 21093, (410) 560-2434

The Revised Ultimate Hint Kit Vol. I
TRUHK contains over 35 walk-thrus, 60 detailed maps. Also included are game and character editors for various games. Requires 512K. $19.95
Elkon Enterprises, 4654 Mistletoe, Wichita Falls, TX 76308, (817) 691-0964

The Revised Ultimate Hint Kit Vol. II
TRUHK II contains walk-thrus for Drakkhen, Might & Magic and most of the Sierra games. TRUHK II has over 60 detailed maps. Maps for Infestation, Persian Gulf, Champions Krynn, Stryx, and more! TRUHK II includes game patches for unlimited lives or power for Persian Gulf, Infestation, Teenage Turtle, Killing Game Show and more! TRUHK II also contains character editors for Might & Magic, Drakkhen, Champion Krynn. Requires 512K. $26.95
Elkon Enterprises, 4654 Mistletoe, Wichita Falls, TX 76308, (817) 691-0964

The Rocketeer
He never intended to become a hero, but then most people don't clash with Nazis and have G-Men on their tail while trying to rescue their kidnapped girlfriend. The Rocketeer must face all of this and more in this action/strategy game from Disney Software. Set in the 1930's, The Rocketeer lets players fly vintage aircrafts and pit their brawn and wits against Nazi henchmen. Players will also be able to fly the experimental Cirrus X-3 rocket pack. $49.95
Walt Disney Computer Software, Inc., 500 S. Buena Vista Street, Burbank, CA 91521, (818) 973-4390 sales

The Scrolls of Talmouth
First in a series of quest disks for Paladin, the animated fantasy game. Each quest disk includes 16 games, all linked into one grand quest. Mages, swordsmen, rangers, and thieves will put you to some difficult tests on your path to knighthood. $24.95
Omnitrend Software, Inc., 15 Winchester Court, Farmington, CT 06032-3423, (203) 678-7679

The Secret of Monkey Island
The late 1600's were the best of times for pirates. Secure in their Caribbean strongholds, they amassed huge fortunes plundering shipments of New World gold. Tales of pirate wealth attracted many adventurers, among them our hero, who lands in the port of Melee with high hopes, no money, and an insatiable curiosity. If he's clever enough, he will win the confidence of Melee's pirates and soon find himself blown by the winds of fate toward the terrifying and legendary Monkey Island-an adventure that would chill the bones of even the most bloodthirsty bucaneer. $59.95
Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

The Seryachi Campaign
First in a series of combat scenario disks. Each disk includes 16 scenarios—all set within a self-consistent network. Whether you're fresh out of bootcamp or a veteran STAR leader, these campaigns will give you a chance to test your mettle against a challenging set of opponents and conditions. $24.95
Omnitrend Software, Inc., 15 Winchester Court, Farmington, CT 06032-3423, (203) 678-7679

The Terminator
The story of a superhuman cyborg sent back through time from a hellish future where man's very existance hangs in the balance and machines rule the earth. His mission—to destroy the mother of the one man who is destined to save mankind. $39.95
Bethesda Softworks, 1370 Picard Drive, Suite 120, Rockville, MD 20850, (301) 926-8300

The Third Courier
This role-playing game takes players to the city of Berlin where you assume the role of Moondancer, the free world's best secret agent. Your mission: recover stolen NATO defense plans. Two of the three NATO couriers who were handcuffed to the plans now lie on marble slabs in a morgue. Each was carrying a crucial component of the NATO non-nuclear defense plans-a computer chip, a floppy disk and a CPU. You have seven days to search for the Third Courier and locate each of the three components before they fall into the wrong hands. $49.95
Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (408) 985-1700

The Untouchables
Based on the smash-hit movie. The Untouchables virtually blasts its way onto your computer screen. The game's spectacular busts, raids, shootouts, and duels put you in control of Eliot Ness' elite squad of Mafia-busters. You'll relive the knife-edge existence of these fabled lawmen as they crusade against lawlessness and injustice through the crime-infested streets of Chicago in the 1920's. Take on the Mob as you lead the Untouchables on their most difficult mission ever. Every minute contains explosive action and intense adventure, and a thrilling denouement ends the game. Kickstart 1.2,1.3. $19.95
Ocean of America, 1855 O'Toole Ave, Ste D-102, San Jose, CA 95131, (408) 954-0201

Their Finest Hour: The Battle Of Britain
During the summer of 1940, wave after wave of German fighters and bombers pummeled RAF bases in southern England. Now you can capture the aerial heroics on both sides of the conflict. Fly Spitfires, Hurricanes, Messerschmitts, and German bombers in 3-D air combat so real you can almost feel the gunfire. See exciting replays of your combat exploits from any angle in real-time or freeze-frame. You can even save them on disk. Includes photo-packed 180-page manual. A fitting tribute to the 50th anniversary to the Battle of Britain. $59.95
Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

Theme Park Mystery
Theme Park Mystery combines adventure and strategy levels with unusual clue-bestowing segments. A complex, multilevel mystery that transforms you into different characters and sends you through four warped worlds; Yesterdayland, Futureland, Dreamland, and Dragonland. Detailed character animation and background graphics give Theme Park Mystery a unique polished look. Captivating sound effects set the tone for Theme Park Mystery. $19.95
Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Thexder
Pilot your armored robot through caves, cargo holds, and spaceship interiors. Transform Thexder into a jet. Over 20 kinds of aliens, hi-res artwork, synchronized soundtrack. $34.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 326-6654 orders

Thunder Blade
Control the world's most sophisticated attack helicopter in the home-computer adaptation of Sega's #1 blockbuster arcade hit. Fly over skyscrapers, mountains, deserts, and the sea as you attempt to accomplish the near-impossible mission of defeating the enemy. $49.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

ThunderStrike
The year is 2238. Earth is controlled by defense industries and TV networks. You are a gladiator competing in televised military Olympics, high-tech fighter pilots battling enemy drones and generators to obtain high TV ratings and high scores, and keep alive. Choose from five deadly attack fighter crafts with varying speed, maneuverability and acceleration. Zoom over colorful futuristic 3-D battlefields in five different arenas with ten levels in each arena. HUD provides imaging for fast maneuvers in deadly low-flying combat. $39.95
Live Studios, Inc., 14 Meadow Wood Dr., Coto De Caza, CA 92679, (714) 661-8337

Thunderboy
An action-adventure game. Battle the dragon in the dark land where even the butterflies are deadly. $14.95
DigiTek Software, 1916 Twisting Lane, Wesley Chapel, FL 33543, (813) 973-7733

Tie Break Tennis
It is possible to play a singles or doubles tournament, and by using the optional joystick adapter, up to four players can play at the same time. All techniques are available: crushing serves, forehand, backhand, topspin, slices, lob, overhead play, volley, passing shots, drop shots, and soft balls. This game features amazing speech and sound effects and a presentation in TV-style. $39.95
DigiTek Software, 1916 Twisting Lane, Wesley Chapel, FL 33543, (813) 973-7733

Times of Lore
An ancient land is in turmoil since the king and his young child disappeared 20 years ago. You, as a hero-for-hire, learn much of the distinctions between appearance and reality while completing your quests. Over 60 characters, detailed cities, and towns. $39.95
Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Titan
The year is 2114, the place: Vegapolis. Professor Hybris, the genius behind all analytical conceptors, is the creator of a brand new leisure concept, which has been driving crowds crazy. But the game is deadly and all have died somewhere along the 80 levels. To succeed, you must guide the power sphere across eighty immense and synthetic worlds using just one magical and magnetic control unit, while avoiding all manner of death obstacles. Ultra-fast scrolling, multi-color graphics, and a variety of game play. $44.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Tom Landry Football
Now you can have professional football all year round with this action-packed strategy game. Put your knowledge of football to the test. Choose your team as well as formations and call your own plays. Need advice? Ask Tom Landry for some helpful hints. See you in the playoffs! Requires 1MB RAM, Kickstart version 1.2 or later. $49.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Tracers
The interiors of all computers have been invaded by terrorists, thieves, and other lowlifes. As a member of the Integrated Human Operations Police, you must stop them. $24.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Track 2 Option Module
All new racing animation as well as enhanced pre-race parade graphics. Also includes Stable 2: 128 new horses with their own names, skills, and personalities. Works with any Horse Racing Module. $14.95
SportTime Computer Software, 3941-E So. Bristol St. Ste. 551, Santa Ana, CA 92704, (714) 966-0207

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Entertainment

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Track Designer Option Module
Break away from traditional oval tracks by creating an unlimited quantity of race tracks of varying shapes, distances, and difficulty. Comes with its own track player so that you can use your newly created tracks with any Horse Racing Module. Includes Saddle-3-D graphics so you can experience each race from the horse's back. $14.95
SportTime Computer Software, 3941-E So. Bristol St. Ste. 551, Santa Ana, CA 92704, (714) 966-0207

Treasures of the Savage Frontier
Long-awaited sequel to Gateway to the Savage Frontier. Your truly daunting mission is to save the Savage Frontier from a cataclysmic war, free Lorkh from its evil captors, and regain a powerful magical item lost since ancient times. Movement and combat are now affected by the unpredictable effects of weather. Players can have romances with NPCs. Combat reinforcement can sometimes give you extra help when you need it most. With the Savage Frontier teetering on the brink of all-out war, this feature will be put to good use! 1MB. Available September 1992. $49.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

Trump Castle II
Multi-player capabilities, digitized photos, animation and sound, plus a free Gaming Guide and resort discount offer make Trump Castle II the ultimate casino gambling simulation. It offers six popular gambling games–Baccarat, Blackjack, Craps, Roulette, Video Poker, and Slots–each with realistic game play for up to four players. $49.95
Capstone, A division of Intracorp, Inc., 7200 NW 19th St., Ste 500, Miami, FL 33126, (305) 591-5900

Turbo
Speed through cities, countrysides, and mountains in this road war game with continuous shooting excitement. With increasing levels of difficulty, Turbo has obstacles to hinder the driver, and road features to help him. $24.95
Hollyware Entertainment, 13464 Washington Blvd., Marina Del Rey, CA 90291, (310) 822-9200

Turrican
Travel over 1300 screens, meet 50 different aliens, three-way parallax scrolling! $39.95
Innerprise Software, Inc. , 1818 Potspring Road #30, Timonium, MD 21093, (410) 560-2434

Typhoon of Steel
Three theaters are covered in this tactical game: the Pacific, the Asian and the European. Practically every ground weapon used in those theaters is included—tanks, tank destroyers, machine guns, pillboxes, flamethrowers, etc. Choose to simulate single battles or an entire campaign. Each unit symbol represents either one tank/gun or a squad of infantry; each square of the 60x60 map, 50 yards. Tools are provided to let you create maps, troops, and missions. Requires 1MB. $14.95
Strategic Simulations, Inc., Distributed by Electronic Arts, 675 Almanor Ave., Ste. 201, Sunnyvale, CA 94086-2901, (800) 245-4525

U.S. Open Courses I
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Merion Golf Club, Winged Foot Golf Club, Bellerive Country Club, The Country Club of Brookline MA, and Shinnecock Hills, Long Island. Bellerive just hosted the 1992 U.S. Open. No additional charge for foreign orders in U.S. dollars. $15.00
Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

U.S. Open Courses II
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Baltusrol (Springfield, NJ), Olympic Club (San Francisco), Medinah #3 (Illinois), Champions Golf Club (Houston), and Oak Hill (Rochester, NY), the 1989 site. Medinah hosted the 1990 open. No additional charge for foreign orders in U.S. dollars. $15.00
Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

UMS II
According to award-winning Ezra Sidra, the guiding principle in the development of UMS II has been 'let the player control everything including the level of control he wants.' UMS II is the most sophisticated Battle Strategy you'll ever use. From ancient battles of classic history to the wildest science fiction fantasies, UMS II lets you recreate them all with its unique 3-D graphics system. $39.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

UMS II: Nations at War
Simulates wars on a global scale, encompassing complete worlds and entire war campaigns, up to 127 nations, over 500 provinces, and 32,000 military units. Features controllable weather systems, naval, air, orbital, ground, and supply units, attrition, taxation, unit production, and more. Comes with Alexander the Great in 334 B.C., assault on Fortress Europe in 1944, and Napoleon in 1805. Requires 1MB minimum. $39.95 plus postage.
Intergalactic Development, Inc., 1427 Washington St., Davenport, IA 52804, (319) 323-5293

UMS II: The Planet Editor
Allows the creation of scenarios for UMSII: Nations at War. Make continents, deserts, islands, rivers, highways, etc. Create nations, provinces, cities, and affiliations. Design unit types, attack/defense indices, and terrain effect indices. Decide the production and recruitment capabilities for building units during game time. Use these unit types to build and place armies for each nation. NTSC. Requires 1MB. $49.95
Intergalactic Development, Inc., 1427 Washington St., Davenport, IA 52804, (319) 323-5293

◆ **UMS: The Compilation**
A compilation of all of IDI's war games and scenarios. Includes the Universal Military simulator, Nations at War, Planet Editor, Civil War, Desert Storm, and more. $75.00
Intergalactic Development, Inc., 1427 Washington St., Davenport, IA 52804, (319) 323-5293

UMS: The Universal Military Simulator
Simulates battles on a 3-D grid. Includes Gettysburg, Arbela, Hastings, Marston Moor, and Waterloo. Includes ability to create armies, 3-D maps, and scenarios. Users can play each other or the computer. Battles can be viewed from eight directions at two levels of zoom, and units can be displayed in their immediate environment. Any army can be used with any scenario from history or the future. Requires 512K, 1MB for enhanced sound. $25 plus postage.
Intergalactic Development, Inc., 1427 Washington St., Davenport, IA 52804, (319) 323-5293

Ultima III
Fantasy role playing. Defeat the evil wizard, using navigational strategies and ship-to-ship combat. Advanced dungeon graphics and full color visuals. One to four players and roster of up to 20 characters. Soundtrack with on/off sound toggle. $39.95
Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Ultima IV
Fantasy role playing. Become an Avatar and lead your people by demonstrating the virtues of Avatarhood. Hundreds of characters to interact with. Difficult challenges, ethical dilemmas. $59.95
Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Ultima Trilogy I-II-III
The complete Ultima adventures in one package that tells the captivating story of the struggles of Lord British's kingdoms with the forces of darkness—the Triad of Evil. Journey through The First Age of Darkness, confront The Revenge of the Enchantress and then face Exodus: Ultima III when the Great Earth Serpent awakens from a slumber of ages. Only a party of adventurers can save Sosaria. $59.95
Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Ultima V
Over four man-years in the making, Ultima V is the latest in the saga. Takes place in the extraordinary realm of Britannia, and features all new magic and combat systems. Lord British, benevolent sovereign of Britannia, has been lost on an expedition to explore the newly discovered underworld. Blackthorn has assumed the throne and imposed martial law to keep peace, but he is soon seduced by power and becomes a tyrannical dictator. Only you, the Avatar of Legend, can save the true King and end Blackthorn's reign of terror. Full-length music soundtrack. $59.95
Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Ultima VI—The False Prophet
Has many improvements over previous Amiga conversions. The player, as Avatar, must plunge into the dark recesses of the Underworld to learn why a race of Gargoyles is attacking Britannia above. Things are not always as they appear, and evil is not so easily defined. Along the way, Avatar can pick up and use practically anything, from weapons to magic runestones—even grind wheat to make bread. He can carry on complete, interactive conversations with all he meets in his quest for the truth. The storyline is like a book with dozens of final chapters. The outcome is totally dependent on decisions Avatar makes and the actions he takes. Fully hard drive installable with 1.3 ROM or higher. Requires 1MB with 420K minimum chip RAM free to support one disk drive. Each additional drive requires 30-45K additional chip RAM. May require memory upgrade kit from Commodore, sold separately. Recommended mouse and hard drive. $69.95
Origin Systems, Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-5490

Uninvited
An award-winning graphic adventure by ICOM Simulations. Spend an unusual day in a haunted mansion as you attempt to find your brother and uncover the eerie secrets of an eerie house. You don't want an invitation to this mansion! $49.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Universe 3
Animated role-playing adventure game. Set in the 24th century, you lead a diplomatic mission to Earth. Features a sophisticated mouse-based parser for rapid play. Also includes digitized sound effects. $49.95
Omnitrend Software, Inc., 15 Winchester Court, Farmington, CT 06032-3423, (203) 678-7679

Utopia - The Creation of a Nation
From Konami and Gremlin Graphics. Can the perfect society be created? Lead your colony to a barren planet and try to cultivate a flawless society. The quality of life rating must exceed 90 percent. Choose how to spend the money—on weapons, social research, hospitals—and still keep the population happy. Ten unique alien races continually challenge the survival of the perfect society. Isometric 3-D perspective. Available April 1992. $49.95
Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

◆ **VR Slingshot**
3D stereo virtual reality flight simulation. 30 FPS in stereoscopic at 2400 baud over modem. Generalized physics model. Computational fluid dynamics. Olafsen in Amiga World Oct. 1993 says: 'The sense of flight is exhilarating...VR Slingshot is so fluid even during modem play that the computer no seem to matter...a positively liberating experience...I've never felt so free in a game.' 68030 recommended, joystick (analog), 3D 60 cycle glasses (optional), headphones (optional), rudder-throttle cable (optional) $29.95. $149.00
Ixion, Inc., 1335 N. Northlake Way, Seatle, WA 98103, (206) 282-6809

Vampire's Empire
Deep in the Transylvanian forest, in the depths of his underground lair, Count Dracula and his minions stir. Armed with your Magic Light, mirrors, and garlic, you must fight your way through the Vampire's Empire to battle the evil Count. $14.95
DigiTek Software, 1916 Twisting Lane, Wesley Chapel, FL 33543, (813) 973-7733

Vaxine
Fight your very own battle against the forces of biological destruction using your very own Vaxine. Eliminate the invading virus cells before they can join together to form lethal viral strings that are capable of choking the life from your key body cells. Go on the attack with your own color-coded antibodies, or use your DNA strands to strangle

large clusters of alien invaders before they reach your brain and numb your senses forever. $39.95
U.S. Gold, Distributed by Accolade, 5300 Stevens Creek Blvd., San Jose, CA 95129, (415) 513-8929

◆❷ Vektor Storm
vektor Storm makes you commander of a small space exploration fleet that accidentally falls through a black hole. On the other side, reality is turned upside down as you discover an alternative, fragmented universe where truth id false and right is wrong. Even the very laws of physics have changed. Lurking in the infinite darkness, an army of nasty alien life forms waits to destroy you and your fleet.To return to this universe, you mustr first meet the challenge set before you by your alien adversaries—beat them at their own game. Your four ships must fight against an arsenal of intellegent weapons on a series of battlegrids. The rules are simple, the stakes are life and death itself.vektor Storm will run on any Amiga with 512K and Kickstart 1.3 or higher. $39.95
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Exciting casino action on your computer. Try your luck on slot machines, draw poker, Blackjack or Keno. Includes Blackjack card counting. Games look and play exactly like the real versions in Las Vegas. Offers fun for the beginner and challenges the pro. $34.95
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Introducing the Prophecy series, a trilogy of unique arcade action-style adventures. The hero Brian is featured in each volume during a separate stage of his life, starting with Brian as a child in the first release, Viking Child. Brian learns of his heroic destiny from the Wizard Odin, and sets out to rescue his family from the Evil God Loki. But first he must do battle with hundreds of strange villains, and defeat the eight apprentices of darkness. Sixteen challenging levels. $49.95
GameTek, 2999 N.E. 191 Street, N. Miami Beach, FL 33180, (305) 935-3995

❷ Vikings Fields of Conquest
A one-to-six player, 199 territory land conquest game. Beautifully detailed graphics and superb gameplay unmatchd by any other Vikings style map game. Flotillas, armies, castles, catapults, and seven different troop types are available for your command in an attempt to become the sole ruler and King of England and save it from the Viking invasion. Requires 1MB RAM, and one drive. Vikings also uses the full power of the Amiga, and therefore uses 64-color Extra-Halfbrite mode. Hard drive installable. Fully compatible with AmigaDOS 2.0 as well as 1.2 and 1.3. $59.95
Realism Entertainment, 6N522 Pine St, Bensenville, IL 60106, (708) 595-7487

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Volfied is the most incredible, action-packed science fiction game to date. Volfied requires skill, strategy and extremely quick reflexes. It allows you to use your flying skills and put them into quick action, as you fight through 16 levels of challenging gameplay. The game is crammed with masses of enemies and hidden bonuses. Face Giant Crabs, Killer Ladybirds, Violent Insects, and the ever-changing massive Boss Alien as you pick up extra powers like lasers, power ups and time stops. Simple in concept, but incredibly addictive to play. $39.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

Vortex by Visionary Limited
Man's misguided attempt to harness new sources of energy ripped a hole in the very fabric of space-time. Engulfing everything in its path, the resulting Vortex also acts as a gateway for antimatter aliens from another universe. Fight up to 32 enemies at once. Vibrant graphics, and smooth animation. $39.95
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A supercop and a black panther team together in a high risk mission. A top CIA agent has been kidnapped, find him! You know that action and fighting are inevitable. You have been trained to accomplish the most dangerous missions. In a very special police academy, you learned how to master the world's most secret and lethal techniques of martial arts. Your 357 Magnum will be with you to help you, but your hands and feet are powerful and won't run out of ammo. Dropped from the chopper, you and the panther will explore the city slums to find the prisoner. Your mission is to find him and to bring him back to a safe place, while protecting him from the attacks of riff-raffs. $44.95
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◆ Walker
Traveling through time you do battle in one of the most destructive combat systems available, the Walker. Jumping from one historical battlefield to the next you blast everything in sight as wave after wave of combatants fall under your twin gattling cannons. Decimating your foes, the Walker works toward its ultimate goal: the destruction of your present day enemy. With a unique control system that allows you total control of the Walkers movements and attack capabilities, you can take your Walker to new heights in destructive power. $49.99
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Fantasy role-playing war strategy, animated adventure game. Follow in the footsteps of Frodo, Aaragorn, and Gandalf as they battle to get the ring to the Cracks of Doom. The Destiny of Middle Earth lies in the balance. Roam at will across the 36-screen scrolling map containing thousands of digitized locations as you control a cast of over 80 animated characters and armies. $49.99
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War in the Gulf pits a crack unit of M1 tanks against the invading Iraqi forces in northern Kuwait. Utilising the same technology as Team Yankee, War in the Gulf is a game of immense tension and hectic action set against a backdrop of hundreds of burning oil wells in the oilfields near the Kuwaiti boarder. $49.95
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Bethesda Softworks, 1370 Picard Drive, Suite 120, Rockville, MD 20850, (301) 926-8300

Weird Dreams by Medalist International
Puts players into the subconscious mind of a hospital patient as he undergoes surgery. Here the player encounters giant wasps, carnivorous rose bushes, a psychopathic lawn mower, and a little girl who is not all sugar and spice. In confronting the many unusual challenges in Weird Dreams, the patient finds his health directly affected while he's on the operating table. Anyone claiming to have figured it all out will need more psychiatric help than the designers of the game. $39.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (410) 771-0440

Welltris™
This game challenges the player to manipulate falling shapes, consisting of various configurations of squares, into solid rows. Pieces appear randomly, one at a time, at the top of any side and slide to the bottom; as they fall, they may be rotated and moved from wall to wall. Earn the highest possible score by forming horizontal or vertical rows with no gaps. $34.95
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R.A.W. Entertainment , 957 NASA Road One, Ste. 146, Houston, TX 77058-3098, (713) 286-2386

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A graphic cross between an arcade game and an adventure game. The story moves through different levels. Objective: Save Toon Town by racing the Weasels through Los Angeles to get to the gag factory and save Jessica from the evil Judge Doom. Move through three sequences: driving with Benny the Cabdriver, clearing tables at the Ink and Paint Club, and outsmarting the Weasels at the Gag Factory. If time runs out, Judge Doom gets Jessica! $14.95
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A long, long time ago (1987), Wizball, Wizard, and Nifta the cat banished Zark from the land of Wiz for being naughty. Nifta had eight kittens, and Wizard and Wizball got married and had a kid—Wiz Kid. But Zark came back one night and kidnapped Wizard, Wizball, and Nifta. He threw Wizard and Wizball into dungeons and put Nifta in the turtle jail. Your mission as Wiz Kid is to collect as many kittens as possible, release Nifta from Chokey, and battle on to Zark's castle. Kickstart 1.2 or 1.3. $39.95
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Unlike most combat simulations, WolfPack lets the player choose sides, and decide which role to play: either a German wolf pack commander or an Allied naval officer commanding a surface fleet. As an Allied commanding officer, the player may choose to command a destroyer, a tanker, or a freighter. Battle the computer or challenge a friend. Twelve easy-to-understand scenarios of various difficulty level. The scenarios cover the years from 1939 to 1945. Atlantic sea battles in five of the war's hottest battle zones include the Atlantic Gap, Gibraltar, and Scapa Flow. A detailed mission-construction set lets players create their own scenarios. $54.95
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Advanced neural network artificial intelligence system. Uses three-layer (up to 256 neurons/layer) back propagation neural network algorithm to automatically learn pattern recognition and stimulus-response relations. Up to 768 neurons, 128,000 connections, and variable learning rate. Optimized assembly language specifically written for math coprocessor to achieve training rates of 50,000 (A3000 68882) to 285,000 (68040) connections per second. Attractive pushbutton type user interface with menus and keyboard shortcuts and ARexx. Data types supported now include 8x8 and 16x16 pixel graphics (using IFF template files), up to 32 characters of text, and arbitrary bit arrays up to 256 elements. Load/save network arrays, input patterns, output patterns (examples on disk). Tutorial included with examples on disk for learning text to speech conversion and graphic object recognition. Complete on-screen color displays of network learning and operations. AmigaDOS 1.2/1.3/2.x/3.0 compatible. $5.00 shipping in North America, $8.00 abroad. $299.95
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

❖ AUTHORING SYSTEMS ❖

◆ **AmigaVision Professional**
An interactive icon-based authoring system for the Amiga family of computers. This newest version builds and expands on visual programming environment of earlier versions. New features include support for CDTV player, including playback of CD-ROM based CD-XL motion video files, ability to display Advanced Graphics Architecture based screens, speed and memory improvements, and enhancements to authoring environment. Also includes freely distributable runtime module. $399.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

CanDo BBS Disks 0,1,2,3,4,5,6
The CanDo BBS disks are collections of CanDo applications (called decks) written by CanDo users and sent to INOVAtronics for other users to see and try out. $6 each.
INOVAtronics, Inc., 8499 Greenville Ave., Ste. 209B, Dallas, TX 75231, (214) 340-4991

CanDo Test Drive
Take CanDo for a spin—for just $10! CanDo Test Drive is fully working version of an earlier version of CanDo. Though you don't get the full functionality of CanDo, you can still build your own even-driven graphical programs using many of the same features that make CanDo the easiest, most powerful Amiga authoring environment around. And, if you decide to buy CanDo, you get $10 off when you order. $10.00
INOVAtronics, Inc., 8499 Greenville Ave., Ste. 209B, Dallas, TX 75231, (214) 340-4991

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CanDo v2.51
CanDo in an interactive audiovisual authoring and development environment for the Amiga. Even non-programmers can use CanDo to create interactive mulimedia presentations, public information kiosks, integrated vertical market applications (including for laser discs and CD-ROM), video productions, utilities, games, tutorials, and much more. CanDo's large feature set includes hypercard-style decks, a scripting language with over 350 commands, object-oriented graphic contructs for launching scripts and events, ARexx support, sound and animation control, a screen painter, a runtime generator, a script debugger and many other developer aids. Version 2.51, the newest release, has a new interface and window editor. It also supports AGA graphics, stereo music files, and has a number of new development features. $199.95
INOVAtronics, Inc., 8499 Greenville Ave., Ste. 209B, Dallas, TX 75231, (214) 340-4991

CyberScape
Interactive music and video performances. Virtual reality constructions and hypermedia presentations. Interactive video games. Event triggering timed sequences. Graphics: supports four resolutions and overscan, cell animation, color transitions, and loads IFF pictures and brushes. Sound: outputs MIDI events, plays IFF sampled sound, plays synthesized speech. Supports ARexx messages, serial and parallel outputs. NTSC only. Requires Workbench 1.3 or later. $245.00
Tensor Productions, 819 Gwyne Avenue, Santa Barbara, CA 93111, (805) 683-2165

◆ InfoChannel IC400 (Master)
InfoChannel is a computer-based information system that allows you to produce, author, schedule and distribute multimedia based messages for TV output. Pages of text, illustrations, animations, sound and video are easily combined into high impact presentations. The information can be transmitted and displayed at any number of locations near or far. From a single control center you can coordinate the distribution of information and graphics to any number of TV units. Different information can be scheduled for different sites (Note: Each InfoChannel Playback System requires the InfoChannel Player PL400, Suggested Retail Price: $799.00 US). You can use networks (LANs) and external computers for dynamic data input and updating of your information. The world's most complete information system even takes care of transmission (LAN or Modem), logging and maintenance. InfoChannel is being used by Fortune 500 corporations, factories, cable networks, educational institutions and governments around the world. The IC400 version is now fully compatible with the AGA Chipset based Amiga 1200 and Amiga 4000. Requirements: ECS (Fatter Agnus and Super Denise) and AGA Chipset based Amigas: AmigaDOS 2.04 or higher, at least 1MB of Chip RAM, at least 2MB of Fast RAM, hard disk. Accelerator and additional 32-bit Fast RAM recommended. InfoChannel Player PL400 has same system requirements. $2499.00
Scala, Inc., 12110 Sunset Hills Dr.,, Ste 100, Reston, VA 22090, (703) 709-8043

AC DOES IT!
Amazing Computing
keeps you up to date on all the latest Amiga software and hardware.

◆ InfoChannel IC500 (Master)
One of the world's most complete information systems on any platform, just got better. See product description of InforChannel IC400 elsewhere in this guide for complete description. InfoChannel includes all of the new features found in our Scala MultiMedia MM300 product plus new features like: Video Grabbing-Using a video capture board like Macrosystem's V-Lab, allows you to capture a still from video, laserdisc or camera and import it as a brush or background, right into the edit menu; PicPaser-Imports Targa, TIFF, GIF, BMP and PCX graphic formats from other computer platforms. New and improved utilities: SCALANet, AnimLab, FixScript and ScalaPrint. A vaiety of new Backgrounds and EX modules have also been added. There are hosts of other features specifically designed for corporate, commercial, industrial and broadcast industries, not found in the Scala Multimedia product, like the Scala RS-422 Controller, found elsewhere in this guide. NOTE: InfoChannel is only avilable from authorized InfoChannel Dealers. Please call for the nearest location. As in the IC400 product, each playback system requires the InfoChannel Player PL500, Suggested Retail Price: $799.00 US. Requirements: ECS (Fatter Agnus and Super Denise) and AGA Chipset based Amigas: AmigaDOS 2.04 or higher, at least 1MB of Chip RAM, at least 2MB of Fast RAM, hard disk. Accelerator and additional 32-bit Fast RAM recommended. InfoChannel Player PL500 has same system requirements. $2499.00
Scala, Inc., 12110 Sunset Hills Dr.,, Ste 100, Reston, VA 22090, (703) 709-8043

Scala MultiMedia MM210
Scala MultiMedia is one of the most powerful, flexible and easy-to-use multimedia presentation tools for the Amiga platform. Scala MultiMedia is an excellent tool for presentations in business, education, training and a host of other applications. Powerful tools include over 80 different page and text wipes, dozens of custom made backgrounds and 17 different fonts in various sizes, most are suitable for video display. Other features include the ability to integrate Soundtracker MOD's, 8SVX and IFF Sound Samples, IFF Pictures and ANIM format based animations, in a true multimedia presentation. Scala MultiMedia's capabilities can be expanded by using Scala EX modules for control over various video and audio peripherals like genlocks, RS-232 serial controlled laserdisc players and VCR's. Call for information on other available EX modules. The MM210 version is now fully compatible with the AGA chipset. Requirements: ECS (Fatter Agnus and Super Denise) and AGA Chipset based Amigas: AmigaDOS 2.04 or higher, at least 1MB of Chip RAM, at least 2MB of Fast RAM, hard disk. Accelerator and additional 32-bit Fast RAM recommended. $399.00
Scala, Inc., 12110 Sunset Hills Dr.,, Ste 100, Reston, VA 22090, (703) 709-8043

◆ Scala MultiMedia MM300
One of the most powerful, flexible and easy-to-use multimedia presentation tools for the Amiga platform, moves a generation ahead. See product description of Scala MultiMedia MM210 elesewhere in this guide for complete description. New features include: Basic Drawing Tools, Resizing of Brushes and Pictures, Optimize Palette, Fast Floyd-Steinburg Dithering, SMPTE Timing, File Requester Shuffler, New Page and Text Wipes, Sound on Buttons, 'Automagic' Creation of Buttons. Plus dozens of new features including a new and improved AnimLab, ScalaPrint and FixScript. Requirements: ECS (Fatter Agnus and Super Denise) and AGA Chipset based Amigas: AmigaDOS 2.04 or higher, at least 1MB of Chip RAM, at least 2MB of Fast RAM, hard disk. Accelerator and additional 32-bit Fast RAM recommended. $399.00
Scala, Inc., 12110 Sunset Hills Dr.,, Ste 100, Reston, VA 22090, (703) 709-8043

VIVA II
An object-oriented, multimedia, application development environment. Interactive presentations, instructional applications, games, or media databases are created easily by selecting icons representing the routine desired. $199.95
Knowledge Media, 436 Nunneley, Paradise, CA 95969, (916) 872-3826

❖ *CALENDARS* ❖

GIRLS: Impressions of the Riviera
Pin-up calendar on disk. Sixteen tastefully rendered pin-ups, plus clock/memory reminder, and five macro keys. $24.95
Graphic Expressions, P. O. Box 110028, Nutley, NJ 07110, (201) 661-0408

SIGH-light®
Your productivity can spring ahead if you are using SIGH-light as your fallback tool. SIGH-light takes care of standard time/daylight savings time changes. It's simple; set up and forget it. SIGH-light 'knows' the correct date and time to 'spring ahead' or 'fall back.' Includes manual, utility script, setup program, and SIGH-light. For all Amigas. NTSC. North American time zones. Requires 0.5MB. AmigaDOS 2.0 compatible. $15.00
Software Industry & General Hardware (SIGH), 677 B Main St, Ramona, CA 92065, (619) 788-0447

❖ *COOKING* ❖

Celebrity Cookbook With Expandable Recipe Filer Version 3.1
The cookbook contains two modules. The first loads and displays celebrity recipes, diets, wines, party tips, personality guest traits, and also contains a bar and wine guide. The second module is a smart database word processing package for entering and retrieving recipes or files typed by the user. All recipes resize from one to 999 servings supporting both American and metric measures. All recipes print to Amiga compatible printers. Version 3.1 is for 1MB or greater systems, but also contains version 2.0 for the 512K systems. It also includes 100 celebrity and catering style recipes. The v3.1 program combines both a smart database and word processing package in a single program module. Recipes may be viewed in 40 or 80 columns, resized from one to 999 servings, and converted from American to metric and metric to American measures. The word processor/database holds up to 12 full pages of text at one time and features full wordwrap, margin settings, cut and paste,, and search and replace. The cookbook contains 16 individual food categories and six wine guides, supports American and metric measures, pricing, and provides for full disk search of ingredients or recipe text contents. All recipes will print the entire recipe or just ingredients. Also supports resizing of multiple recipe files. Available for All Amiga systems. Also supports DOS 2.0. Requires 1MB. $39.95
USA Media, 7810 Malcolm Road, Clinton, MD 20735, (301) 868-9060

Desserts Cookbook
You'll enjoy over 150 tantalizing mouth-watering desserts including an extensive assortment of types from puddings to elegant cakes, from frozen sorbets to fancy cookies. Available in two versions—Home (Standard): directions and unit amounts edited for home cooking; and Quantity: edited for institutional style cooking with a yield of 50 servings. $14.95
Meggido Enterprises, 7900 Limonite Ave. Ste. G 191, Riverside, CA 92509, (909) 683-5666

Recipe-Fax 2.0
A complete recipe creation/editing environment. Including allowance for individual editing and/or rearrangement for ingredients and amounts, and for procedures. But that's only the beginning. Recipe-Fax has a powerful recipe list processor to facilitate serving size adjustments, Metric/US unit

conversion, shopping list creation and more. Recipes can be printed using a choice of forms. AmigaDOS 2.0 compatible. $44.95
Meggido Enterprises, 7900 Limonite Ave. Ste. G 191, Riverside, CA 92509, (909) 683-5666

❷ The Great Recipes of Italy with Expandable Recipe Filer
The cookbook comes with 160 Italian recipes. The program combines both a smart database and word processing package in a single program module. Recipes may be viewed in 40 or 80 columns, resized from one to 999 servings, and converted from American to metric or metric to American measures. The word processor/database holds up to 12 full pages of text at one time and features full wordwrap, margin settings, cut and paste, and search and replace. The cookbook contains 16 individual food categories and six wine guides, supports American and metric measures, pricing, and provides for full disk search of ingredients or recipe text contents. All recipes will print the entire recipe or just ingredients. Also supports resizing of multiple recipe files. Available for all Amiga systems. Requires 1MB. Also supports DOS 2.0. $39.95
USA Media, 7810 Malcolm Road, Clinton, MD 20735, (301) 868-9060

Variety Cookbook
Over 150 scrumptious, tasty recipes from several food categories encompassing beverages, breads, breakfast, desserts, entrees, salads, sandwiches, sauces, soups, vegetables, and miscellaneous. Available in two versions—Home (Standard): Directions and unit amounts edited for home cooking; and Quantity: Edited for institutional style cooking with a yield of 50 servings. $14.95
Meggido Enterprises, 7900 Limonite Ave. Ste. G 191, Riverside, CA 92509, (909) 683-5666

❖ DISK CATALOGS ❖

80 Track Public Domain Catalog Disk
We have over 2200 disks from all over the world, over 12,000 programs to choose from. We also have a large collection of European disks with demos. Our disks are $4.00 each. Call for volume pricing and our new subscription pricing. $4.00
80 Track Software, P.O. Box 309, Oceanside, NY 11572, (516) 678-9631

❷ CATFISH: Fred Fish Disk Library Cross-Reference
A complete cross-referenced catalog of the entire Fred Fish Public Domain Library in a user-friendly (mouse-only) disk format. Contains three major sections giving file names and disk numbers information: 1) all files cross-referenced by a subject catalog with over 130 subject entries in a two-level format, 2) all files ordered alphabetically with most recent versions listed first, and 3) all disk CONTENTS files included. WB 2.X and 3.X only files uniquely identified. Currently contains over 900 disks and all files. Updated for each new block of 50 disks. No additional files are required for use. Compatible with all Amiga machines, WB 1.2, 2.0, 3.0 and NTSC/PAL formats. $10.00
AMIGA Tech Scientific Applications, P.O. Box 201, Los Altos, CA 94023-0201, (415) 949-4864

MegaDisc Catalogue on Disk
Full catalog on disk lists thousands of public domain disks and other products available from MegaDisc. Free.
MegaDisc, P.O. Box 759, Crow's Nest, Australia 2065, (011) 612-959-3692

Public Domain & Shareware Collections
Public Domain and Shareware collected by category and grouped by specific areas of interest. Disks packaged with complete Workbench and CLI access for ease of use by both novice and expert users. Each disk contains complete author's documentation. Call for instant AMIGA-HELP at (415) 593-1207. Single disk $6, five or more disks $5.
Premier Software, P.O. Box 3782, Redwood City, CA 94064, (415) 593-1207

◆ The Smith Disk Public Domain Collection
Since 1980 we have been collecting Amiga PD software from all over the world. Our collection numbers over 500 disks containing 6000+ files. Most files are compressed so each of our disks are full to the brim. Send for a catalog disk for $2.25 postpaid. Make checks payable to Jerry Smith. $3.00 each<9, $2.00 10 and up, + .25 cents each S/H.
Smith Disks, P.O. Box 5216, Fresno, CA 93755

❖ DISK MAGAZINES ❖

Electric Thesaurus
The Electric Thesaurus utilizes Roget's II Electronic Thesaurus database and search engine. It contains over 500,000 synonyms, and offers concise definitions for each meaning of a queried word. Each definition includes its part of speech and a list of accurate synonyms in their properly inflected forms. ARexx port with over 15 commands along with the ability to send scripts to other programs, plus Clipboard Device support provides Thesaurus functionality to programs that do not have a Thesaurus. Works with both Workbench 1.3 and 2.0, requires at least 512K and one disk drive. Use of a hard disk is strongly recommended. $49.95
SoftWood, Inc., P.O. Box 50178, Phoeniz, AZ 85076, (800) 247-8330

Graphics Palette Disk Magazine
A three-disk set, produced bi-monthly. Each issue is packed with the latest software/hardware reviews, hints and tips, animated tutorials, DTV-related articles, helpful utilities, and is designed to be as informative, entertaining, and user-friendly as possible, supplying a wealth of information to the beginner, as well as the hardened Amiga desktop-video user. Rate: 12 month subscription $130. U.S.
Nodette Enterprises Pty., Ltd. , P.O. Box 584, Box Hill, Vic 3128, Australia, (613) 808-7036

JJc Training Package
Subscribers receive a 12-disk set full of information on the Amiga. Course is beneficial to new users who are using the Amiga to teach themselves about computers in general, students in Computer Studies, those who are frightened of computers, and people who only play games on the Amiga, but want to use it constructively. Course covers basics, software, hardware, design, and hints & tips. Regular features: glossary of computer terms, questions & answers, hardware design, software training, AmigaDOS operation, communication systems, and animations. Requires A500/A1000/A2000/A3000, AmigaDOS 1.2,1.3 (most of 2.0). Free personal Question & Answer service for subscribers, nominal fee for digitizing service. We now write BeSpoke applications for large companies. $100 for full course. £50.00 annual, £5.00 one month. $100.00
JJc, P.O. Box 19, High Wycombe, Bucks HP11 1UF, England, 011-44-494-883-347

Jumpdisk
A monthly disk-based magazine for the Amiga. Rates are 12 mos. $66.00; 6 mos. $37.00; 3 mos. $20.00; single issue, $9.00. $9.00
Jumpdisk, 1493 Mountain View Ave., Chico, CA 95926, (916) 343-7658

MegaDisc Info Resource
An information resource on disk, designed to help users become more productive with their Amigas. Contains tutorials, articles, reviews, programs, hints, advice, and much more. Released every two months; subscriptions available. Australian $69 for six issues; includes four public domain disks.
MegaDisc, P.O. Box 759, Crow's Nest, Australia 2065, (011) 612-959-3692

❖ FORTUNE TELLING ❖

Birth Chart Astrology
A sophisticated program with beautiful hi-res graphics, delivering serious insight to birth chart preparation and interpretation. Produces colorful natal charts showing precise planetary locations within the houses, signs, and major aspects of the astrological system in less than two seconds. This image can be printed utilizing any paint program supporting hi-res. $39.95
Joseph R. Moore & Co., NCR 72 Box 39, Mountain Grove, MO 65711, (417) 926-3370

Rune Sight v 1.0
Rune Sight is a traditional oracle system based on the ancient runic alphabet, considered magic by the Viking people. The word rune is derived from the Gothic runa; meaning mystery. As you cast the rune stones, Rune Sight is sensitive to the moment you choose, and five stones are then selected—each representing a station of importance to the querant. A complete interpretation is provided for the meaning of every rune in each station. The interpretation may be displayed or printed. Through the interpretation, Rune Sight provides insight into oracle systems, the conscious, and the subconcious mind. NTSC only. $29.95
BRESC Software, P.O. Box 9873, Springfield, MO 65802-9873, (417) 831-4005

The Tarot Master
The Tarot Master is the first animated fortune-telling program for the Amiga. Users may receive three- or 10-card readings for any question they choose to ask of the mystic Tarot. The Tarot Master also instructs users in becoming Tarot readers. Three- and ten-card spread readings as well as all 78 card definitions are taught to those who wish to see the future. The Tarot comes to life with exciting animation sequences for all 22 Major Arcana cards. Each animation is designed to impart the meaning of each card into the user's memory. $24.95
Empire Graphics, P.O.Box 964, Union, NJ 07083, (908) 964-7864

❖ GAMBLING ❖

Professional Lottery Systems
Keeps track of lottery numbers in all states, figures frequency distribution on all numbers, and lets you wheel numbers. $34.95
Slipped Disk, 170 West Twelve Mile Road, Madison Heights, MI 48071, (313) 546-3475

X-Lotto Professional 2.2
(For Australian users.) Calculates results for all previous and current numbers. Specialties are checking row and line status with all previous numbers, graphing all previous numbers, sorting, storing, creating your own formulas for checking numbers. Results and graphs may then be relayed to your printer. Requires A500/A1000/A2000 or A3000 CPU. $14.95 Australian.
Electronic Trading Post, 71 Avenue Road, Highgate 5063, Adelaide, South Australia, Australia, 011-61-8-272-2302

❖ GENEALOGY ❖

GENP MultiMedia
GENP MultiMedia seamlessly integrates with GENP v1.5. It allows you to have multimedia for anyone in your genealogical databases to a maximum of 10 items per individual. The Selection window allows the user the freedom to choose what he or she is going to display or hear. Show pictures, play sounds, print or display or edit word processor files. GENP MultiMedia comes with an example genealogical database demonstrating pictures, sound, and text. $30.00
GENP, 37 Charles St., Cheltenham, Victoria, Australia 3192, (011) 613-584-2765

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◆ New Product Listing
❷ AmigaDOS release 2 Compatible *(Vendor Verified)*

Miscellaneous Software

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Fred Fish FRS Index
AMICUS FRS Index
AC's Back Issue Index
Vendor/Product Registration
User's Groups
Index of Advertisers
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

❷ GENP version 1.5
Genealogical software for individuals, medical researchers, society, or schools. Standard descendant, pedigree, and family charts. Multitasks with your word processor for any length text. Multiple databases each with 64K people. Customize screens to another language. Pictures. Hotkeys. Multiple users. Supports non-English screens, system messages, help screens, and data dictionary. Multimedia via ARexx. Similarity and Regular Expression search. System requires 1MB, and two drives. NTSC/PAL compatible. AmigaDOS 2.0 compatible. German version $15.00 extra. $99.95
GENP, 37 Charles St., Cheltenham, Victoria, Australia 3192, (011) 613-584-2765

◆ Norgen- Import Utility
A utility to convert 'Your Family Tree' (version 1 copyright 1988 and version 2 copyright 1990 by MicroMasters Inc.) files to Norgen Version 2 files. Requires version 2 of Norgen. Furnished at no charge on request.
Norris Software, 3208 West Lake St. Suite #65, Minneapolis, MN 55416, (612) 470-4307

❷ Norgen—Version 2 of the Genealogy Database
Designed for the home enthusiast and the professional, Norgen has unique features of expandable data fields and no logical limit to the number of Subjects, Siblings, Spouses, Children and Notes. Contains all standard reports plus index to all names, validation utilities. All reports can go to the screen, printer or text file. Version 2 has added 13 user-defined fields (potential LDS compatibility), 30-generation Descendants charts, ability to search on any combination of fields, family group reports, IFF linkage, custom reports, automatic generation of child records from parent, and macros. Supports PAL monitors, foreign Keymaps. 1MB RAM required. AmigaDOS 2.0 compatible. Plus $5.00 shipping in U.S. $49.95
Norris Software, 3208 West Lake St. Suite #65, Minneapolis, MN 55416, (612) 470-4307

❷ Origins V2
Database keeps track of genealogical information for over 6 million individuals. Very powerful, but easy to use. Correctly handles difficult situations such as multiple marriages, step-children, and unmarried parents. Lists Persons, Marriages, Parent/Child Index, Soundex. Generates reports on Persons, Family Group sheets, Pedigree Chart, Descendants Charts, Tiny-Tafel. ARexx functions, IFF file support, much more. Requires AmigaDOS 2.0 or later, at least 1MB, and two floppy drives. Not LDS compatible. $85.00
Puzzle Factory, The , P.O. Box 986, Veneta, OR 97487, (503) 935-3709

Your Family Tree 2.2
Your Family Tree, developed on the Amiga for the Amiga, makes organizing your family history easy. Enter data only once; no tedious retyping of information. Features include: 30+ reports including pedigree charts, descendant charts, family groups, and lists; multiple databases, each containing up to 16 million individuals; note files can be created using any editor; supports IFF pictures; flexible multi-condition search; phonetic name-matching; many user-definable options. Illustrated manual includes index and tutorial. Designed for NTSC, can be used with PAL. Supports all Amiga keymaps, international characters. Requires 1MB, one floppy disk drive. Workbench 2.0 compatible. $79.95
MVP Software, PO Box 458, Aliquippa, PA 15001, (412) 378-0411

Your Family Tree Companion
A collection of utilities to increase the power and versatility of Your Family Tree. Import, export, and merge data between YFT and other genealogy programs using the GEDCOM format. Generate Tiny-Tafel listings. YFT Companion includes many newly designed reports as well as expanded versions of existing reports. Perform statistical analysis of data. Determine relationships between individuals. Generate Soundex codes. YFT Companion includes enhanced data validation and improved on-screen report display. Designed for NTSC, can be used with PAL. Supports all Amiga keymaps, international characters. Requires 1MB, one floppy disk drive, YFT 2.0 or later. Workbench 2.0 compatible. Available 4st quarter 1993.
MVP Software, PO Box 458, Aliquippa, PA 15001, (412) 378-0411

❖ *HOME SECURITY* ❖

AMI-X10
Works with X10 (U.S.A.) Inc.'s X10 Powerhouse Computer Interface for X10 based control of house lights and electrical appliances. Accesses all 256 switch codes for timed or immediate commands. Stores and retrieves an unlimited number of event schedules. The X10 interface works on a weekly cycle so that individual days can be timed differently. Ami-X10 provides automatic updating of sunrise and sunset events. NTSC/PAL. Requires V1.3 or older. Price: $59.50. $124.30 with CP290 hardware. $59.50
Digital Dynamics, 739 Navy Street, Santa Monica, CA 90405, (310) 396-9771

❖ *HANDICAP SUPPORT* ❖

KeyWhiz
KeyWhiz provides an image of the keyboard on your Amiga screen and accepts input from a joystick or custom input device that is connected to the second gameboard. Its purpose is to provide an alternate means of inputting keyboard data for individuals who have difficulty using a normal keyboard. Also useful for kiosk developers. Joystick not included. $40.00
Integral Systems, P.O. Box 31626, Dayton, OH 45431, (513) 237-8290

❖ *NETWORKING* ❖

◆ ENLAN-DFS V2.0
Distributed file system. An Ethernet-based, peer-to-peer networking solution for the Amiga. Provides the software necssary to interconnect your workgroup of Amigas, whether it's two, twelve or hundreds. Saves money and increases productivity by letting you share expensive peripherals such as laser printers, hard disk drives, removable media and more. You can assign passwords and/or allow read only access to protect system files and applications. Version 2.0 allows for automatic reconnection, follows SANA-II network standard, provides full ARexx access to other systems on the network. Requires AmigaDOS v2.0 or higher, minimum 1.5 MB RAM recommended. $349.00 for a 5 user license (site licenses availabe).
Interworks, 43191 Camino Casillas, Suite B2469, Temecula, CA 92592-3714, (909) 699-8120
Please see display ad CIII.

Keyboard-Mouse-Link 1.0
Keyboard-Mouse-Link is currently being used by TV stations and networks who have an Amiga that they wish to operate from one or more locations within entire station. Keyboard-Mouse-Link program pair turns one to four Amigas into mouse and keyboard of a main Amiga. Serial connections are made from built-in serial ports of each remote Amiga to serial port(s) of main Amiga. Completely fluid mouse, hotkeys, system keys; transparent operation with most Amiga hardware/software. Allows any remote site to lock out other remote sites, and then open network back. Uses standard serial device driver(s); works at 4800, 9600, or MIDI baud rates. Demo version $7. $100.00
Geodesic Designs, P. O. Box 956068, Duluth, GA 30136, (404) 822-0566

◆ Photon-Accelerator™
Photon-Accelerator is a high-power plug-in module for Lightwave. The 3D character generator will give users pre-defined and user-definable character motions which will allow them to create professional effects like 'Star Wars' like credit scrolls, and special effects like jitter and pulsate. Follow-Me-Motion™ provides the perfect solution for movements like caterpillers and trains. Photon-Accelerator comes with a non-linear timeline-based scene editor. Use variables, objects to create unlimited heirarchy recursions, and actor oriented animation, allowing you to load and save a full heirarchy of objects, motions, morphs and 'bones' as a single entity. Photon-Accelerator is perfect for the professional Lightwave user. Requires AmigaDOS v2.0 or higher & Video Toaster v3.0 software with Lightwave.
Interworks, 43191 Camino Casillas, Suite B2469, Temecula, CA 92592-3714, (909) 699-8120
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TSSnet
An implementation of the DECnet network protocol for the Amiga. Amigas become Phase IV end nodes when connected to DECnet via the serial port/modem or Ethernet. Allows communication with DEC VAX mainframes or other computers running DECnet, such as MAC's and PC's. Supports Ethernet (thick & thin) and is SANAII compatible. Provides file transfer, terminal emulation and DECmail. Fully supports XWindow System for the Amiga from GfxBase. Requires AmigaDos 1.3 or higher, 1 Meg RAM, optional Ethernet card. $395.00
Thunder Ridge, Inc., N9353 Benson Rd., Brooklyn, WI 53521, 608-455-1039

◆ Toaster-Net™
Toaster-Net brings the power of distributed rendering (Render-Farms) to the Amiga. Toaster-Net gives any Lightwave user the ability to select multiple scene and render selective, or all, frames. Using the powerful Enlan-DFS network software, you will be able to link as many Toasters as you desire to form powerful render-farms, just like the ones used by professionals. Toaster-Net will 'delegate' rendering across the network for optimum speed and efficiency. You can also easily move complete scenes (objects, images, etc.) between systems, and monitor the status of your render-farm. Requires AmigaDOS v2.0 or higher & Video Toaster v3.0 software. To take full advantage of Toaster-Net's render-farm ability, you will need Enlan-DFS network software and an Ethernet card. $349.00 for a 5 user license (site licenses available).
Interworks, 43191 Camino Casillas, Suite B2469, Temecula, CA 92592-3714, (909) 699-8120
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◆ TorqueWare™ for the Amiga
Development system for creating programs that run in parallel on networked computers (Amiga, SGI/MIPS, SPARC,etc.). Harnesses power of each participating computer to solve your problem in less time (e.g, if integrated with rendering code, can accelerate rendering). Non-Amiga products from Torque Systems, Inc. allow cross-system development and execution. Implements the Linda distributed programming model, where portable C calls are preprocessed to calls to link libraries. Development system (preprocessor, stand-alone local client/server link libraries, local and network support tools): $100. Network client/server link libraries: $150 per Amiga CPU. Server distribution requires a license.
AugmenTek, 3606 S. 180th St. #C-22, Seatac, WA 98188, (206) 246-6077

◆ TorqueWare™ for the Amiga
Development system for creating programs that run in parallel on networked computers (Amiga, SGI/MIPS, SPARC,etc.). Harnesses power of each participating computer to solve your problem in less time (e.g, if integrated with rendering code, can accelerate rendering). Non-Amiga products from Torque Systems, Inc. allow cross-system development and execution. Implements the Linda distributed programming model, where portable C calls are preprocessed to calls to link libraries. Development system (preprocessor, stand-alone local client/server link libraries, local and network support tools): $100. Network client/server link libraries: $150 per Amiga CPU. Server distribution requires a license.
AugmenTek, 3606 S. 180th St. #C-22, Seatac, WA 98188, (206) 246-6077

❷ X Window System for the Amiga
XWindow System Release 4 for the native AmigaDOS. Resolutions to 2048 x 2048 color supported. TWM & OLWM (openlook) user interface. Network support: TCP/ip (AS225), DECnet (TSSnet), ethernet, arcnet, serial DDCMP and slip. Works

with VAX's, Suns, Apollos, IBMs, Sonys, etc. Co-exists with native workbench, Intuition-user interface. Requires 1MB RAM (minimum), one floppy drive. $395.00
GfxBase, 1881 Ellwell Drive, Milpitas, CA 95035, (408) 262-1469

❖ RELIGION ❖

Bible Files On Disk
Genesis through Revelation, nine disks. ASCII text files to be used with text editors or word processors. Word searching dependent on text editor or word processor's capability. Not copy protected–may be installed on hard drive. King James only. $29.95
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Bible Search is a fully-compressed and indexed Bible Concordance program, providing quick and easy retrieval of any word or verse in the entire Bible. It uses state-of-the-art data compression to fit entire text of the Bible onto two disks, and the Exhaustive English Concordance onto only one disk. 1MB RAM with hard disk recommended or two floppy drives. Bible Search includes automatic spell checking of every word used in the Bible, movable and sizable windows, pull down menus, output of Bible text to disk, printer or Amiga speech synthesizer, and more. Word Search options include exact phrase, single or multiple words using AND, OR and NOT Boolean logic, plus wildcard. Full scrolling of text. Authorized King James or New International Version available. AmigaDOS 1.2-2.0. $70.00
SOGWAP Software, 115 Bellmont Road, Decatur, IN 46733, (219) 724-3900

❷ BibleReaderPro!
Replaces BibleReader!. Features many capabilities of BibleScholar but no hard drive needed. Has dual bindable windows, built-in word processor, instant access to any book, chapter, and verse, large list of topical references, 800,000 character concordance, and Amiga speech. Requires 2MB and two floppy drives or hard drive. AmigaDOS 1.3/2.0 compatible. KJV, NIV, NAS, NKJV $89.95 each. $89.95
EasyScript! Software, 10006 Covington Drive, Huntsville, AL 35803, (205) 881-6297 (TECH)

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EasyScript! Software, 10006 Covington Drive, Huntsville, AL 35803, (205) 881-6297 (TECH)

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These document disks contain the text of the King James Version. They can be accessed by any Amiga-compatible word processing program. NTSC only. $99.00
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T-N-T (The New Testament) Version 1.1
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Shocking Software, 3535 N. Nevada, Chandler, AZ 85225, (602) 892-0460

❷ The Context Bible Concordance
New International Version. Contains entire text of Bible with every occurrence of every word indexed. Can output to printer or file in four reference formats, with or without text and/or translators' notes. Sample search times: 'Jesus' and 'Christ'—less than 1 second in 237 verses; 'the'—under 5 seconds for 51,812 occurrences in 22,403 verses; ('faith' or 'trust' or 'praise') and 'your God' or 'honor' not 'angels'—160 verses in under 19 seconds. Outputs to window with scroll bar and arrows. 800 number for Tech Support. NTSC/PAL, all Amiga keymaps. Requires 512K RAM, less than 3 MB used if on hard drive. $50, free demo disk, videotape. AmigaDOS 1.2-3.0 compatible. 2-year warranty. Mark Sims, 10 Holland Rd., Hamilton, New Zealand (64-07-8558-207) dist. for Australia and New Zealand. Unlimited 800 number Tech Support.
Neuralink, P.O. Box 16311, Lubbock, TX 79490, (800) 657-8822

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A collection of all the major cluster analysis algorithms. Data-entry programs allow data entry and transfer to and from popular spreadsheets, scaling of metric data. Cluster analysis programs include procedures based on arbitrary clustering criteria, sum-of-squares of distance criteria, Hmeans and Kmeans, criteria involving invariants, Wmeans, the multiple-location allocation problem, and miscellaneous features like the bond energy criterion technique. Programs provide results for plotting dendograms. $145.00
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Exploratory Data Analysis (EDA)
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This popular telecommunications program allows you to access on-line services, bulletin boards, and mainframe computers with reliability and confidence. Used by thousands of Amiga users, as well as government and educational institutions. Gives you complete control of terminal emulation as well as extensive phone book and scripting utilities. Fully compatible with all the latest modems; supports the highest speeds. NTSC/PAL. Compatible with AmigaDOS 1.3 & 2.X. $75.00
Felsina Software, 4440 Finley Ave. #108, Los Angeles, CA 90027, (213) 669-1497

Amigo ModemNet
Modem networking software for the family of Amiga computers. Software features automatic reconnect of an interrupted phone call and has protection feature to prevent modem misprogramming. Amiga DOS 3.0 compatible. $250.00
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❷ CNet Amiga v2.20 Electronic Bulletin Board System
Full-featured Pro BBS system. The 2.20 update has dozens of new features and commands for both remote system users and system operators. Handles up to 24 external phone lines with multi-serial port card. True multi-tasking system can operate in the background so as not to tie up the computer. FIDO NET and USENET supported. Requires AmigaDOS 1.3/2.0, at least 1MB RAM, plus another 200K for each phone line. Hard drive strongly recommended. Now available in retail stores. $129.95
Beverly James Products/Perspective Software, P.O. Box 40191, Redford, MI 48240, (313) 537-6168
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❷ DLG Professional BB/OS
DLG Professional is a unique telecommunications product aimed at the high-end hobbyist and professional bulletin board market. It now comes bundled with Trapdoor and DLGMail to form a complete FidoNet-ready package. DLG is not a single large application program, but is instead a group of interrelated modules and commands that form the nucleus of a bulletin board operating system that is built around a standard Amiga shell. This gives DLG the same advantages that AmigaDOS has: low memory overhead, and full multi-user multitasking of all functions and operations. NTSC/PAL compatible, language configurable, international character set configurable. Requires 512K and hard disk. AmigaDOS 2.0 compatible. $229.00
TelePro Technologies, 7898A Gaetz Ave., Red Deer, AB T4P 3N4, Canada, (403) 347-3262

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Complete turnkey bulletin board systems featuring custom-designed ASCII, ANSI, and soon RIP, graphic menus, bulletins, and advertisements. Simple one-line message and file boards to very large multiple-line systems offering Fidonet, Internet, and Usenet electronic mail, message echo, and news services. Specializing in Business Support systems using CNet, DLG, or Xenolink BBS software on the Amiga computer. Call our BBS and see our proprietary online mail-order shopping software! Price: $250 and up.
IHD Global Computer Center, 205 8th St., National City, CA 91950, (619) 477-2368 BBS

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Excelsior! Professional v1.4 is the premiere Amiga BBS. Works with any CPU configuration. Extensive GUI support gives the SysOp ultimate control over their system; limited only by hardware. Exclusive BBS LINK allows the linking of other E! BBS's together. Complete FidoNet tosser and TrapDoor® mailer included. Usenet support. Internet email support. Private mailbox's. Automated QWK off-line bundler. Extensive security options. Full multi-tasking with all system functions. Extensive on-line door support. ARexx interface. Demo available. Requires 2 MB RAM and at least AmigaDos release 2. $199.95
Syscom Design, P.O. Box 452, St. Clair Shores, MI 48080, 800-243-1230

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Complete send/receive fax solution for Amigas and compatible modems. Fully mouse or keyboard driven. Extensive user features include definable cover pages, integrated phone book, scheduler, log reports of all faxes, security option, adjustable viewing ratios. Can create fine or standard resolution faxes from any text or IFF file. Integrated printer driver to create faxes from almost any Amiga program. Extensive ARexx commands with automatic FAX/DATA detection for BBS. Saved faxes stored in 'standard' FAX-IFF format; can save as IFF pictures compatible with OCR software. Versions available for both Group 3 Class 2 and Class 1 modems. Special version for Supra modems. Also available in 'standalone' version for ZyXel and many other brands. (Modem manufacturer enquiries welcome.) Any AmigaDOS compatible from Workbench 1.3/2.3. Works with floppy drive systems; hard drive, 1MB recommended. Approx. US$120, Australian $159. Upgrades from earlier version: US $25.00 plus return of original disk. $200.00
GP Software, 21 Aloomba Rd,, ASHGROVE Queensland, 4060, Australia, (011) 61-7366-1402

GPTerm-Amiga v4.59
Communications software for Amiga computers featuring full VideoTex (Prestel) emulation plus Amiga, IBM 8 and 16 color modes, VT100/103 emulations. Supports Xmodem, Ymodem, Kermit, Punter, and complete Zmodem protocols. Multiple and circular dialing of remote services with complete user-definable configurations for each service. Supports bps rates 300-19200 including 1200/75 and 75/1200. Approx. US$74, Australian $99.
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◆ MediaLink Remote Access Module
Allows un-interrupted and remote updating of MediaLink scripts and data files. Perfect for Cable TV channels, hotel information channels, remote kiosks, etc. Supports Zmodem protocol, scheduled transmissions, remote page editing with PC's, Mac's and Amiga's, and communications via modem, network or VBI data broadcast. Kickstart 1.3 or higher, 1 Mb chip RAM, IMb Fast RAM. Distributed in U.S. by Computer Video Solutions, Inc.
Activa International B.V., P.O. Box 23260, 1100 DT Amsterdam Zuidoost, Holland, (011) 312-0691-1914

MindLink
This powerful Amiga modem software has the most versatile set of controls in any telecommunications program. Brings new ease of use to telecommunicating. Data speeds from 300 baud to MIDI (31.25K baud). Protocols include X-, Y- and Z-modem. Enter BBS commands by clicking on any word or character on the screen! Exclusive chat-modem mode allows you to talk while transferring files! Real-time monitoring of on-line charges. Programmable timer. Integrated script language-design your own modem utilities. Integrated CLI and text editor. User-definable ASCII table (both send and receive). Requires 512K and one drive. $49.95
Centaur Software, Inc., 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

◆ **PModem Parallel Port Driver for Infochannel/ScalaNet**
Communication program developed for use with Infochannel ScalaNet to facilitate script transfer/file transfer from a creation/master workstation to display/slave stations utilizing Amigo's MultiNet network. Package includes software and multinet buffer for two nodes, $250.00. Additional nodes $125.00. Amiga DOS 3.0 compatible. $250.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
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❷ **Packeterm**
For the amateur radio operator. Packeterm works with special modems called Terminal Node controllers to allow the radio operator to send and receive computer messages and files between other HAM radio operators. Requires one floppy drive, 512K, AmigaDOS 1.3/2.0. $99.95
Black Belt Systems, 398 Johnson Road, RR-1 Box 4272, Glasgow, MT 59230, (800) 852-6442

◆ **PhoneManager**
Harness your modem's fax and voicemail features. Make a complex voicemail/vaxback system or the ultimate answering machine. Easy on-screen programming with examples and tutorials. Caller-ID phone number and time stmping of incoming fax or voicemail. Supports multiple modems at once. Provides preferences printer driver, selectable resolution, usage reports, fax/IFF conversion, definable cover page and phonebook. $99.00
Switech Dynamic Systems, 227 2nd Street, Saskatoon, Saskatchewan S7H 1N5, Canada, (306) 242-3960

Scala/Infochannel VCR/PESA Drivers
Scala multimedia product. Three drivers: Pesa Switching Matrix RM-4000 Driver, Panasonic AG1000B VCR Driver, and 3/4-inch VCR Deck Driver. Driver software is designed to be used with Amigo's VCR 8 controller interface. Amiga DOS 3.0 compatible. $395.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
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ScalaNet EModem Ethernet Driver for InfoChannel
Communication program developed for use with InfoChannel to facilitate script transfer/file transfer from a Creation/Master workstation to Display/Slave station utilizing Commodore's A2065, ASDG's Ethernet Network Adapters and Amigo's PCMCIA. Two node software package is $250.00 Amiga DOS 3.0 compatible. $250.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
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ScalaNet XModem Serial/Modem Driver for InfoChannel
Modem communication program developed for use with InfoChannel to facilitate script transfer/file transfer from a Creation/Master workstation to Display/Slave station utilizing internal or external modems. Software reduces display/save slowdown when ScalaNet is transfering files. Two node $125.00, $75.00 per additional node. Amiga DOS 3.0 compatible. $125.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
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The Answer
Lets your Amiga answer the phone, talk to the caller, & use normal audio digitizer to record messages. Features separate Config & Runtime programs, special Interrupt message, Caller Hold. Workbench 2 and ARexx compatible. Requires 1MB, two disk drives or hard drive. The Answer Plus, for those who do not have a sound sampler, is combo of The Answer bundled with Audio Engineer Junior sound sampler/editor. The Answer: 145 Australian dollars.
GSOFT Pty. Ltd., PO Box 59, Elizabeth, SA 5114, Australia, (011) 61-8-254-2261

❷ **Xenolink**
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❖ *TUTORIALS* ❖

◆ **Amiga Online Reference Manual v2**
Tutorial for new Amiga users. Glossary with over 300 words and definitions. Over 400 questions and answers. Specifications on 20 Amiga models. Tutorials, help using software, use of 80 AmigaDos commands and AmigaShell. 700K of hypertext, using point-and-click interface. Demo available. $34.95
Area 52, 107 River Park Dr., Liverpool, NY 13090-2841, (516) 473-5156

Mastering CLI and the SHELL
Interactive tutor. Allows user to type in commands with various options. Shows results and explains them in detail. New users will be using CLI from the start. Uses common commands extensively to familiarize new user with CLI environment. Also includes The Assistant, a memory-resident reference of 21 most commonly used commands to provide quick on-line help. New version: 3.0 features full AmigaDOS 1.3 and SHELL coverage. Over 250 pages of tutorials-interactive instruction. Features 1000 plus typed-in examples, diagrams, numerous ready-to-run script files. Expanded online help, hard disk installation routines, more. $39.95
Graphic Expressions, P. O. Box 110028, Nutley, NJ 07110, (201) 661-0408

◆ **MegaDisc's Hints & Tips**
All the hints & tips from all the Megadiscs have been compiled and categorized on one disk with an easy-to-use Hypertext reader. Indispensable for the learner and power user. $19.95
MegaDisc, P.O. Box 759, Crow's Nest, Australia 2065, (011) 612-959-3692

term2200
Emulates the Tandberg 2200 terminal, commonly used with Norsk Data minicomputers. It displays Norwegian, Swedish, German, and English characters, and the <esc>N and <esc>O character sets. Baud rates up to 9,600 are supported. Push keys, F keys, and many of the 2200's special function keys, such as COPY, EDIT, MARK, and PRINT are supported. PC/Link and XMODEM file transfer is supported, as well as the auxiliary printer. This product functions properly with NOTIS-WP, NOTIS-ID, and User Environment. $125.00
Venn Software Ltd., 328-1027 Davie Street, Vancouver, B.C., Canada V6E 4L2

term6312
Emulates the Concurrent (Perkin-Elmer) 6312, 1251, and 1200 terminals. All functions required by Reliance R08, MEDIT, and LEX are supported. It supports blinking, underlined, low intensity, and non-display fields. The status line, 32 function keys, and audible beep are available. Baud rates from 300 to 9,600 are supported. The auxiliary printer is supported. $150.00
Venn Software Ltd., 328-1027 Davie Street, Vancouver, B.C., Canada V6E 4L2

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SHI Buddy Software
Safe Hex International's Buddy System contains the BootX Buddy System, a tutorial to learn the BootX antiviral program. It also contains more than 200 pages of articles, tests, etc. about virus and hardware problems. Full worldwide support. Send SASE for more information. $5.00
Safe Hex International, P.O. box 724, Port Richey, FL 34673-0724, (813) 847-6586

❖ *WEATHER* ❖

❷ SIGH-low®
At last! An interface to your HEATH ID-5001 and your Amiga. Complete ARexx control over your HEATH Advanced Weather Computer. Includes example ARexx code, manual. Cable also available at additional cost from SIGH. Requires ARexx, 1MB, one floppy; hard disk recommended. AmigaDOS 2.0 compatible. Additional hardware needed to complete interface—HEATH ID-5001 Advanced Weather Computer and serial cable. HEATH ID-5001 available in kit form or assembled from HEATH CO., Benton Harbor, MI, (616) 925-6000. $39.95
Software Industry & General Hardware (SIGH), 677 B Main St, Ramona, CA 92065, (619) 788-0447

❷ Jacquard Color Separation Program
This program is designed for machine knitters who knit double-bed Jacquard knits. This Utility program saves hours and hours of tedious manual color separations. Gridded IFF files (generated in DeluxePaint or other paint programs) are imported. You may separate up to 6-color per row designs in one of four methods. Separations may be printed. AmigaDOS 2.0 compatible. $90.00
Cocheñille Design Studio , P.O. Box 4276, Encinitas, CA 92023

❷ Knit Editor Program
The Knit Editor is a utility program designed to be used with freehand drawn and digitized images imported as IFF files. It performs color reductions and then automatically grids the image to your desired stitches and rows. Various display options are given for the final picture including grid numbering, demarkation lines, symbols, variable grid sizes, and more. This program may also be used by needlework people. AmigaDOS 2.0 compatible. $110.00
Cocheñille Design Studio , P.O. Box 4276, Encinitas, CA 92023

❷ KnitterChart
Graphic-orientated charting program primarily for users of knitting machines. Mouse or keyboard input and control. Inputs swatch data and dimensions of desired sweater from user or data file. Outputs complete set of machine operating instructions in verbal, table, or abbreviated (with diagrams) form; disk data and image (IFF) files; blank data form; and diagrams. Most output can be directed to screen or printer. Permits fast and easy creation of any size garment with any type yarn in eight styles. Runs from Workbench or CLI in NTSC or PAL modes. Currently no ARexx support. Includes hard disc Install program. Fully documented. Requires A500 with 512K memory and one floppy drive; 1MB and teo drives recommended. Best with hard drive and dot-matrix graphic printer. Also runs on A1000/2000/3000. Requires AmigaDOS 1.3, 2.0 compatible. $99.95
Versitek Software Ltd., 1 Wentworth Circle, Eastern Passage, Nova Scotia, Canada B3G 1G1, (902) 465-2718

◆ Stitch Painter
Stitch Painter is a grid-based paint program designed for multiple crafts. The grid may be sized to any proportion. There are various design tools including line, curve, shape tools, brush capture and fill, etc. Tile symmetry over the entire screen or in selected areas allows the user to create repeat images. The color palette works in RGB or CMY. Many more handy features exist. $85.00
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❖ *CD-ROM* ❖

AB20 Internet Amiga Archive
More than 3000 files. Hundreds of applications including GNU utilities, editors, hypertext tools, plotter utilities, modem and communication programs. Demos of commercial programs, video and other games, graphical images, animations, and programs to view them. Amiga hardware documents, huge selection of sound files, TeX typesetting with MetaFONT and dvi filters. All Usenet archives comp.sources. and comp.binaries.amiga. ISO 9660. Does not work with CDTV. $24.95
Walnut Creek CDROM, 1547 Palos Verdes Mall, Ste 260, Walnut Creek, CA 94596, (800) 786-9907

◆ Aminet Amiga CDROM
This disc contains the entire Amiga Internet Archive from amiga.physik.unizh.ch. There are hundreds of megs of software and thousands of files. Hundreds of applications, including GNU utilities, editors, hypertext, plotter utilities modem and communication programs. There are demos of commercial programs and games. There are grapgic images, animations, sound and music files and programs to play them.The disc also contains all of the Usenet archives comp.sources.amiga and comp.binaries.amiga as well as all the files from the archives which used to reside at ab20.larc.nasa.gov. Requires CD-ROM drive and filesystem. $24.95
Walnut Creek CDROM, 1547 Palos Verdes Mall, Ste 260, Walnut Creek, CA 94596, (800) 786-9907

❷ AsimCDFS
This CD-ROM FileSystem allows an Amiga/CDTV to access any ISO9660, HighSierra, or Mac HFS formatted disc. CDTV discs also accessible. Comes with FishMarket, a disc containing Fred Fish disks 1-637, and AsimTunes, an intuition-based AudioCD controller program with ARexx capability. Includes manual and a painless install procedure. Supports a number of CD-ROM drives. Requires SCSI controller compatible with Commodore SCSI-Direct Standard. For 68000,010,020,030,040 processors. Minimum 512K, more recommended for buffering. AmigaDOS 1.3/2.0 compatible. $79.00
Asimware Innovations, 101 Country Club Dr, Hamilton, Ontario L8K 5W4, Canada, (905) 578-4916

❷ CDx Disk Set
All software needed to attach a SCSI CD-ROM drive to most popular SCSI controllers, plus a printed manual and two CD-ROM discs (Fish & More Vols. I and II). Software includes: CDxFileSystem for access to ISO 9660, High Sierra, and Mac HFS, and single-session Photo CD discs, CDTV emulation software to run most CDTV titles (1MB chip RAM recommended), CDXL, audio CD player software, comprehensive installation software, multi-language developer support, and more. NTSC/PAL compatible. Requires SCSI controller, SCSI CD-ROM drive. AmigaDOS 1.3/2.0/3.0 compatible. $50.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

Desktop Library CD-ROM
Over 1000 classic literature, historical documents, and reference works. Ancient Greek works, Aesop's Fables, Shakespeare, Chaucer, Virgil, Dante, and Milton. Books by Twain, Whitman, Crane, Melville, and Poe. Bullfinch's Mythology, Tolstoy, Jules Verne, Hans Christian Andersen, Lewis Carroll, Dickens, Conan Doyle, Jane Eyre. Treaties and international agreements, 1991 CIA world fact book, dictionaries, much more. All files plain text ASCII. $39.95
Walnut Creek CDROM, 1547 Palos Verdes Mall, Ste 260, Walnut Creek, CA 94596, (800) 786-9907

Fish & More Vol. I
A CD-ROM disc containing over 500MB of freely distributable software including the Fred Fish library (#1 to #370). Requires CD-ROM drive system with file system driver. $25.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

Fish & More Vol. II
A CD-ROM disc containing over 150MB of freely distributable software including the Fred Fish library disks #371-#470. Data is stored in a sorted format (for local use) and in two compressed formats (for BBS use). Requires CD-ROM drive system with file system driver. $25.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

❷ The Fred Fish Collection CD ROM
The CD ROM contains the entire 700+ disk collection of freely distributable software compiled by Fred Fish. The collection is organized by disk making it possible to locate any file using existing indices to the collection. The disc also contains a high speed utility for producing Fish disks from the CD ROM in two minutes or less. The disc is updated every four months at a cost of $29.95. Subscriptions available. Compatible with all ISO9660 CD ROM drives, Commodore's L690 CD ROM, and the CDTV keyboard, mouse, and RGB monitor recommended. Workbench 2.0 compatible. Disc is preconfigured for PARNET when using the CDTV or A570. $74.95
HyperMedia Concepts, Inc., 5200 Washington Ave., Ste 224, Racine, WI 53406, (414) 632-3766

❷ The Fred Fish Collection OnLine CD ROM
The CD ROM contains the entire 750+ disk collection of freely distributable software compiled by Fred Fish. The collection has been compressed in LHARC format both by disk and program. Text files are included describing the collection. The disk is designed for use on BBS systems based on any platform. The disc is presetup for use as a PARNET node when used with CDTV or A570. Path and file names conform to MS-DOS standards. Updated every four months. Subscriptions available. Special offer if purchased with The Fred Fish Collection on CD ROM. Workbench 2.0 compatible. $69.95
HyperMedia Concepts, Inc., 5200 Washington Ave., Ste 224, Racine, WI 53406, (414) 632-3766

❖ *DESKTOP PRESENTATION* ❖

Presentation Master
Display and output your own multimedia presentations. Import bit-map and EPS images, data for charts and text. With its object-oriented paint and business graphing modules, Color PostScript output and graphic presentation authoring environment, Presentation Master gives you all the tools you need to create shows with professional-quality graphics, charts, and text effects. The unique hot spot feature lets you design audience-interactive presentations—and the included stand-alone slideshow program can be freely distributed to play your creations. $299.95
Oxxi, Inc., P.O. Box 90309, Long Beach, CA 90809-0309, (310) 427-1227
Please see display ad color insert.

Drives

❖ DRIVES GENERAL ❖

FDD Series External fdd
FDD-M312 for the Amiga, 3.5-inch, 880KB formatted. One hundred percent Amiga A1010 compatible. 94ms access times, MFM recording mode. Additional drive connector and On/Off switch support for the Amiga. $139.95
Alfa Data U.S., P.O. Box 6990, Champaign, IL 61826, (217) 356-1962

❖ EXTERNAL FLOPPY DRIVES ❖

3.5 Slimline Drive
A 3.5-inch floppy disk drive, Slimline design is only one-inch-high. Has 26-inch cable for easy positioning. It also has through-port for connecting additional drives. $139.95
Rio Computers, 3310 Berwyck St., Las Vegas, NV 89121, (800) 782-9110

Air A1010
Color coordinated with CPU. Assembled in U.S.. $179.00
Advanced Integration Research, 3006 North Main Street, Logan, UT 84321, (801) 753-4947

Cortex External 3.5-inch Floppy Drive
High-quality silent mechanism. Through port. Enabled/Disable switch.
Cortex Design Technologies Ltd., Britannia Buildings, 46 Fenwick Street, Liverpool L27NB, England, (011) 4451-236-0480

Master 3A-1
External 3.5-inch floppy disk drive for all Amiga computers. $109.00
GoldenIMAGE Technology Corp., 2657 Saturn St., BREA, CA 92621, (800) 327-4482

RF382CV RocLite AV
This is an 880K external floppy disk drive for the Amiga. The RocLite AV is housed in premium aluminum casing and measures only 0.9 inch in height. The drive features built-in anti-virus protection and no-clicking as well as an On/Off switch to control the number of active peripherals. The low power consumption (0.025 watt stand-by, 1.8 watts read/write) allows for daisy-chaining. $120.00
RocTec Electronics Inc., 170 Knowles Drive, Ste. 202, Los Gatos, CA 95030-1844, (408) 379-1713

❖ INTERNAL FLOPPY DRIVES ❖

Air A1000
Internal 3.5-inch 880K disk drive for A1000 series. Includes instructions. $130.00
Advanced Integration Research, 3006 North Main Street, Logan, UT 84321, (801) 753-4947

Air A2010
Internal 3.5-inch 880K disk drive for A2000 series. Includes hardware. $130.00
Advanced Integration Research, 3006 North Main Street, Logan, UT 84321, (801) 753-4947

Air A3020
Internal 3.5-inch 880K disk drive for A3000 series. Includes hardware. $130.00
Advanced Integration Research, 3006 North Main Street, Logan, UT 84321, (801) 753-4947

Air A5010
Internal 3.5-inch 880K disk drive for A500 series. Includes power cord. $130.00
Advanced Integration Research, 3006 North Main Street, Logan, UT 84321, (801) 753-4947

Air IBM2000HD
Internal bridgeboard drive for A2000 series. Includes instructions. $160.00
Advanced Integration Research, 3006 North Main Street, Logan, UT 84321, (801) 753-4947

Air IBM3000HD
Internal bridgeboard drive for A3000 series. Includes instructions. $160.00
Advanced Integration Research, 3006 North Main Street, Logan, UT 84321, (801) 753-4947

RF362C A500 Replacement Drive
This is a 3.5-inch, 880K internal floppy drive for the A500; available as a replacement. $100.00
RocTec Electronics Inc., 170 Knowles Drive, Ste. 202, Los Gatos, CA 95030-1844, (408) 379-1713

RF372C A2000 Replacement Drive
This is a 3.5-inch, 880K internal floppy drive for the A2000; available as a replacement. $105.00
RocTec Electronics Inc., 170 Knowles Drive, Ste. 202, Los Gatos, CA 95030-1844, (408) 379-1713

❖ FLOPPY DRIVE ACCESSORIES ❖

Facc II
Floppy disk caching utility speeds up any interactive floppy disk activities. A must-have for floppy disk only systems. $34.95
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

Floppy-Rail
Floppy-Rail allows you to build the internal Amiga 500 floppy drive into any PC case. Front brezel in Amiga Color. $15.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

Power-Y-Cable
Power-Y-Cable allows you to use two drives with the same power line. $14.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

RV300C Anti-Virus Device
This is a device to be connected between the external floppy drive and the Amiga system. The device provides write-protect function to the external drive connected to it. It further provides a virus protect function to stop any attempt to write on track zero for both internal and external floppy drives on the system. The device additionally displays the track position of the magnetic head of the external floppy. This is a perfect add-on for all new or installed drives. $50.00
RocTec Electronics Inc., 170 Knowles Drive, Ste. 202, Los Gatos, CA 95030-1844, (408) 379-1713

Shuffle Board
ICD Shuffle Board provides two useful functions for A500 or A1000. Allows you to disable and remove your internal floppy diskette drive while changing the external port to support DF0:, and allows you to disable all drives except for DF0;. Shuffle Board simply plugs underneath one of the CIA chips inside your computer. $39.96
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

❖ HARD DRIVES ❖

A530 Turbo
GVP's new HD8 features a 40MHz CPU and has the capability of adding up to 8MB of 60ns, 32-bit wide RAM. Designed in the same sleek style as GVP's classic hard drive subsystem for the A500, this accelerated version also features a choice of a 40, 80, 120, 213 or 540 MB factory-installed hard drive.
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Delivers blistering speed 0.00-ms Seek time and 0.5 SCSI Access time through use of Motorola 32/16 bit processor working in tandem with high-speed NCR SCSI chip. Nothing rotating. Made with D-RAM SIMMs, mix and match different SIMMs. Holds from 2MB up to 448MB. 5.25 footprint. Comes with its own internal battery backup. Populated with 2MB. Built into a solid case with its own power supply. SubD-SCSI pass-through connector. For any Amiga with SCSI 2 controller. Two-year warranty parts and labor. English/French/German manual. Workbench 2.0 compatible. $3395.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ALF-FLASH-DISK-INT
Delivers blistering speed, 0.00-ms Seek time and 0.5 SCSI Access time through use of Motorola 32/16 bit processor working in tandem with high-speed NCR SCSI chip. Nothing rotating. Made with D-RAM SIMMs, mix and match different SIMMs. Holds from 2MB up to 224MB. 5.25-inch footprint. Populated with 2MB. For any Amiga with SCSI 2 controller. English/French/German manual. Workbench 2.0 compatible. Two-year warranty parts and labor. $1950.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ESDI Model 1350
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1350. Capacity 85-170 MB 23 m/sec. $1490-$1690.
Micropolis Corporation, 21211 Nordhoff Street, Chatsworth, CA 91311, (818) 709-3407

ESDI Model 1558-15
Compatible with the Commodore, host/controller, C-LTD host/controller, and others. Model 1558-15. Capacity 382 MB, 18 m/sec. $2820.00
Micropolis Corporation, 21211 Nordhoff Street, Chatsworth, CA 91311, (818) 709-3407

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ESDI Model 1650
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1650. Capacity 104-182 MB, 16 m/sec. $1695.00
Micropolis Corporation, 21211 Nordhoff Street, Chatsworth, CA 91311, (818) 709-3407

SCSI Model 1370
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1370. Capacity 85-170MB, 23 m/sec. $1670.00-$1875.00
Micropolis Corporation, 21211 Nordhoff Street, Chatsworth, CA 91311, (818) 709-3407

SCSI Model 1578-15
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1578-15. Capacity 382 MB, 18 m/sec. $2820.00
Micropolis Corporation, 21211 Nordhoff Street, Chatsworth, CA 91311, (818) 709-3407

SCSI Model 1670
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1670. Capacity 104-182 MB, 16 m/sec. $1695.00
Micropolis Corporation, 21211 Nordhoff Street, Chatsworth, CA 91311, (818) 709-3407

ST-506 Model 1320
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1320. Capacity 42-85 MB, 28 m/sec. $799-$1180.
Micropolis Corporation, 21211 Nordhoff Street, Chatsworth, CA 91311, (818) 709-3407

❖ *HARD DRIVES* ❖ *COMPLETE W/AUTOBOOT*

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SCSI hardcard with RAM expansion. Includes hardware for mounting 3.5-inch drive onboard. Supports up to 4MB of RAM using FastSimm-1 modules (must be purchased separately) or 8MB of RAM using FastSimm-4 modules. Card features Xetec's DMAx hardware, autoboot ROM, autoconfig circuitry, Macintosh compatible 25-pin SCSI external connector, internal 50-pin SCSI connector, drive LED connector, FastTrak utility disk, and manual. Order #FCP-000 $150.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

FastTrak Q127 A500/A1000
System includes SCSI Host Adaptor with autoboot ROM, enclosure with fan, Quantum Prodrive ELS 127S with 17ms access and 127MB formatted capacity plus 32K cache buffer, manual, FastTrak disk with utilities and shielded SCSI cable. For the A500, order #FT5-127; for the A1000, order #FT10-127. $507.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

FastTrak Q170 A500/A1000
System includes SCSI Host Adaptor with autoboot ROM, enclosure with fan, Quantum Prodrive ELS 170 with 17ms access and 170MB formatted capacity plus 32K cache buffer, manual, FastTrak disk with utilities and shielded SCSI cable. For the A500, order #FT5-170; for the A1000, order #FT10-170. $527.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

FastTrak Q85 A500/A1000
System includes SCSI Host Adaptor with autoboot ROM, enclosure with fan, Quantum Prodrive ELS 85 with 17ms access and 85MB formatted capacity plus 32K cache buffer, manual, FastTrak disk with utilities and shielded SCSI cable. For the A500, order #FT5-085; for the A1000, order #FT10-085. $478.00
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FileRunner™ Box/Heavy Duty
External hard drive systems for use with the Amiga 500 or 1000. System comes complete and assembled in a heavy-duty case with fan. The fan allows the system to run for months without interruption. Each case can accommodate a second drive for future expansion and the unit comes with a power supply large enough for the second drive. Available with and without autoboot (only for A500). Price for 42MB: $740.00. $440.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

Mini FastCard
Half-card SCSI interface featuring DMAx hardware, autoboot ROM, autoconfig circuitry, internal 50-pin SCSI connector, drive LED connector, FastTrak utility disk, and manual. Requires off-card mounting of drive. $75.00
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Novia 60i and 85i
The smallest hard drive/interface combo in the world, fits completely inside the Amiga 500 computer. These high-performance drive systems are complete and ready to install. Prices: 60i—$490.96, 85i—$596.96.
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

Novia/Speed 60i and 85i
The smallest hard drive/interface combo in the world, fits completely inside the Amiga 500 computer. A fully cached 14.3MHz accelerator gives you 80% to 100% improvement with most programs. These high-performance drive systems are complete and ready to install. Prices: 60i—$720.96, 85i—$826.96.
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

Prima 52i, 105i, 120i, and 240i
These drive systems fit completely inside the Amiga 500 computer, replacing the internal floppy diskette drive with a high quality, high performance Quantum hard drive. A Shuffleboard is included to make your first external floppy drive DF0:. All necessary hardware, cables, and software are included. Provides the best overall performance of any 500 hard drive system. Prices: 52i—$430.96, 105i—$584.96, 120i—$616.96, 240i—$965.96.
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

Prima/Speed 52i, 105i, 120i, and 240i
These drive/accelerator systems fit completely inside the Amiga 500 computer, replacing the internal floppy diskette drive with a high quality, high performance Quantum hard drive. A Shuffleboard is included to make your first external floppy drive DF0:. All necessary hardware, cables, and software are included. Provides the best overall performance of any 500 hard drive system. Prices: 52i—$660.96, 105i—$814.96, 120i—$846.96, 240i—$1195.96.
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

Supra Drive for A2000
Includes Series III™ software and ExpressCopy hard disk backup. Hard card includes WordSync™ interface, autoboot ROM, SCSI expansion port, complete utility software for formatting drive and editing low-level system info. Autoboots from FFS partitions. Compatible with Bridgeboard™ and most other boards. Supports up to 30 partitions including MS-DOS partitions (with Bridgeboard). Includes clear, thorough manual of hard disk hints and tips. 52MB $379, 120MB $649.95, 240MB $999.95.
Supra Corporation, 7101 Supra Drive SW, Albany, OR 97321, (800) 727-8772

❖ *HARD DRIVES COMPLETE W/ AUTOBOOT /EXPANSION MEMORY*

A500-HD8+0/120
Series II A500+ hard drive/RAM add-on systems includes GVP external hard drive chassis, power supply, fan, autobooting SCSI controller, drive, and expansion sockets for up to 4MB RAM. Comes with 0 K. The A500 HD120/RAM comes with a 120MB hard drive. $1099.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

A500-HD8+0/213
Series II A500+ hard drive/RAM add-on systems includes GVP external hard-drive chassis, power supply, fan, autobooting SCSI controller, drive, and expansion sockets for up to 8MB RAM. Comes with 0 K. The A500 HD8+0/213 comes with a 213MB 1-inch high Quantum drive. $1099.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

◆ Fastlane Z3
Fast SCSI-II DMA (Direct Memory Access) controller with true 32-bit Zorro-3 interface. Transfers up to 7 Mb/sec asynchronous. 10 Mb/sec synchronous on the SCSI bus. Ram expansion up to 64 Mb, with option requested of up to 256 Mb, using standard 30-pin SIMM's. Supports RDB, SCSI-direct removable media, opticals, CD-ROM, CDTV, streamer, AMAX-II, PC format. Software included: CD-ROM filesystem and dynamic caching program, as well as utilities such as configuration program, MS-DSMount. Perfect for 3-D rendering, image manipulation, animation, etc. Requires A4000/030 with Revision 9+ Super Buster chip. $599.00
Advanced Systems & Software, 1329 Skiles St., Dallas, TX 75204, (214) 239-2000

HC8+0/120-II
Series II Hard Card 8+0/120-II for the A2000, A3000 and A4000, consists of SCSI autoboot hard drive controller card with 120MB HD (19/11ms), 3.5-inch drive mounted directly on the card. The card can also be configured for up to 8MB of standard 16-bit fast RAM memory. Comes with 0 K. $599.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

HC8+0/213
Series II Hard Card 8+0/213 for the A2000, A3000, A4000 consists of SCSI autoboot hard drive controller card with 213MB, 3.5-inch drive mounted directly on the card. The card can also be configured for up to 8MB of standard 16-bit fast RAM memory. Comes with 0 K. $1349.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

HC8+0/40
Series II Hard Card 8+0/40 for the A2000, A3000, A4000 consists of SCSI autoboot hard drive controller card with 40MB, 3.5-inch drive mounted

directly on the card. The card can also be configured for up to 8MB of standard 16-bit fast RAM memory. Comes with 0 K. $599.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

HC8+0/80
Series II Hard Card 8+0/80 for the A2000, A3000, A4000 consists of SCSI autoboot hard drive controller card with 80MB, 3.5-inch drive mounted directly on the card. The card can also be configured for up to 8MB of standard 16-bit fast RAM memory. Comes with 0 K.
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

❖ *HARD DRIVE* ❖ *CONTROLLER ONLY*

ALF1-DE2-Seagate
Amiga 2000 interface with ALF2 installation software for running up to two hard drives (any kind, ST 506 style) with a Seagate ST 11 hard disk controller. English/French/German manual. Requires A2000, Workbench 1.2 or higher. $35.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ALF1-RE1-Seagate
Amiga 1000 interface with ALF2 installation software for running up to two hard drives (any kind, ST 506 style) with a Seagate ST 11 hard disk controller. English/French/German manual. Requires A1000, Workbench 1.2 or higher. $85.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ALF1-RE5-Seagate
Amiga 500 interface with ALF2 installation software for running up to two hard drives (any kind, ST 506 style) with a Seagate ST 11 hard disk controller. English/French/German manual. Requires A500, Workbench 1.2 or higher. $85.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ALF2-RE1-MFM
For A1000. ST 506 style hard disk controller for up to two hard drives (any kind, ST 506). Comes with LOW level and HIGH level installation-, backup-, password-software ALF2. English/French/German manual. Requires A1000, Workbench 1.2 or higher. $135.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ALF2-RE2-MFM
For A2000/3000. ST 506 style hard disk controller for up to two hard drives (any kind, ST 506). Comes with LOW level and HIGH level installation-, backup-, password-software ALF2. Also runs as second controller with any SCSI controller. English/French/German manual. Requires A2000/3000, Workbench 1.2 or higher. $135.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ALF2-RE5-MFM
For A500. ST 506 style hard disk controller for up to two hard drives (any kind, ST 506). Comes with LOW level and HIGH level installation- backup-password-software ALF2. English/French/German manual. Requires A500, Workbench 1.2 or higher. $135.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

❷ **AdSCSI 2080**
For Amiga 1500, 2000, 2500, and 3000 computers. Full auto booting, FFS, removable media support, and the fastest overall performance available. Add 2, 4, 6, or 8MB of RAM with 1MB SIMMs. $189.96
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

StarDrive Module
An alternative to the MultiFunction module. Pseudo-DMA access to Macintosh-compatible SCSI drives and other third-party SCSI devices. Fast, easy to install including driver software and disk diagnostics. Also includes battery-backed clock to set your system time on boot-up. $89.00
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

Viper S2
Viper S2 is the first VPD peripheral disigned for the Viper 1230. It is a full DMA SCSI-2 controller offering truly sustainable transfers of 5MB/sec asynchronous and 10MB/sec synchronous. Viper S2 plugs directly into the DMA expansion connector of the Viper 1230 board. Viper S2 provides a standard, high-density SCSI-2 connector on the back of the Amiga 1200 computer. And for those who desire only the best, an internal high-density SCSI-2 connector is included to directly support a 2.5-inch SCSI hard drive inside the A1200. $199.00
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

❖ *HARD DRIVE CONTROLLER* ❖ *W/ AUTOBOOT*

ALF2-AF2-SCSI
For A2000. SCSI 2 Controller. Full length card with holes for mounting one 3.5-inch hard drive on the card. Comes with LOW level and HIGH level installation-, backup-, password-software ALF2. English/French/German manual. Requires Workbench 1.2 or higher. CD-ROM, Syquest, and A-Max II support. $135.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ALF2-AFN1-SCSI
OEM design SCSI controller for the A1000. Contains one A2000 SCSI board with special pass through A1000 interface. Comes with LOW level and HIGH level installation-, backup-, password-software ALF2. English/French/German manual. Requires Workbench 1.2 or higher. CD-ROM, Syquest, and A-Max II support. $135.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ALF2-AFN5-SCSI
OEM design; use this SCSI controller to turn the A500 into a PC/AT full size desktop case. Contains one A2000 SCSI board with special pass-through A500 interface. Comes with LOW level and HIGH level installation-, backup-, password-software ALF2. English/French/German manual. Requires Workbench 1.2 and higher. CD-ROM, Syquest, and A-Max II support. $135.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ALF2-AH1-SCSI
For A1000. SCSI Controller system. Built into an aluminum Amiga 1000-style case with room for one 5.5- or 3.5-inch hard drive. Comes with ALF2 installation- and backup-software. English/French/German manual. Requires Workbench 1.2 or higher. Syquest and A-Max II support. $225.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ALF2-AH5-SCSI
For A500. SCSI Controller system. Built into an aluminum case with room for one 5.5- or 3.5-inch hard drive. Comes with ALF2 installation- and backup-software. English/French/German manual. Requires Workbench 1.2 or higher. Syquest and A-Max II support. $225.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

❷ **AdIDE/40**
AdIDE interfaces provide an inexpensive alternative to full SCSI interfaces. With an inexpensive IDE (AT) drive, AdIDE will give you the speed and overall performance you need in a small package. AdIDE/40 is for the Amiga 2000 and most standard IDE (AT drives). Fits underneath CPU chip, using no slot. Includes 40-pin IDE cable and instructions. $109.96
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

❷ **AdIDE/40 Kit**
AdIDE interfaces provide an inexpensive alternative to full SCSI interfaces. With an inexpensive IDE (AT) drive, AdIDE will give you the speed and overall performance you need in a small package. AdIDE/40 Kit is for the Amiga 500, and allows you to replace the internal floppy drive of the computer with a Quantum hard drive (not included). All cabling and mounting hardware are provided, as well as a Shuffleboard to make your external floppy drive DF0:. $159.96
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

❷ **AdIDE/44 Kit**
AdIDE interfaces provide an inexpensive alternative to full SCSI interfaces. With an inexpensive IDE (AT) drive, AdIDE will give you the speed and overall performance you need in a small package. AdIDE/44 kit is for the Amiga 500 and includes special hardware for mounting a 2.5-inch hard drive (not included) inside the computer. $139.96
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

❷ **AdSCSI 2000**
For Amiga 1500,2000,2500, and 3000 computers. Full auto booting, FFS, removable media support, and 16-bit performance. Mounting frame included for hard drive card mounting. $109.96
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

FastTrak System less hard drive
Same system as FastTrak Q85 less drive. Includes mounting bracket for 3.5-inch drive. For the A500, order #FT5-000. For the A1000, order #FT10-000. $250.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

HardFrame/2000
High-end SCSI interface supports up to seven devices and operates at bus speeds. Cable pinouts designed for compatibility with standard SCSI hard drives. Features word length data transfer, FIFO buffering, true DMA, and is mounted on a metal frame. Autobooting; automounting; does not require old file system partition; autoloads

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Vendor/Product Registration
User's Groups
Index of Advertisers
Vendor Information
Product Index by Product
Product Index by Vendor
Category Index
Last Minute Additions

driver into RAM for fast operation. Works with overscan. $249 with metal frame, $239 without metal frame. $249.00
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

● SA 1000
The SA 1000 is a full pass-through Host Adapter that supports virtually any SCSI device. The setup software included allows for automatic selection and setup of most hard drives and removable-media devices. Manual entries can be made for almost every other possible device. The SA 1000 fully supports large-capacity devices, including removable-media and streaming tape systems, automatically sensing disk changes. Non-DMA design ensures the quickest possible transfer rates at all times, regardless of high-demand graphic screens. For A1000, any OS. One-year warranty. $254.99
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

● SA 2000
The SA 2000 is a full-length Zorro II compliant Host Adapter capable of supporting virtually any SCSI device. The card is designed to allow half-height 3.5-inch drives to be mounted directly on it. The setup software included allows for automatic selection and setup of most hard drives and removable-media devices. Manual entries can be made for almost every other possible device. The SA 2000 fully supports large-capacity devices, including removable-media and streaming tape systems, automatically sensing disk changes. Non-DMA design ensures the quickest possible transfer rates at all times, regardless of high-demand graphic screens. For A2000/3000, any OS. One-year warranty. $169.99
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

● SA 500
The SA 500 is a slim-profile Host Adapter that supports virtually any SCSI device. The setup software included allows for automatic selection and setup of most hard drives and removable-media devices. Manual entries can be made for almost every other possible device. The SA 500 fully supports large-capacity devices, including removable-media and streaming tape systems, automatically sensing disk changes. Non-DMA design ensures the quickest possible transfer rates at all times, regardless of high-demand graphic screens, etc. Works with A500, virtually any SCSI device, any version operating system. One-year warranty. $229.95
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

● SA-10 Host Adapter
SCSI Host Adapter for the A-500 or A-1000 features Xetec's high performance DMAx™ hardware, autoboot ROM, autoconfig circuitry, system bus pass-thru, FastRam expansion connectors. Macintosh compatible 25-pin SCSI connector, provision for external + 5v from SH series exclosures, and low-profile steel enclosure. Also included are a FastTrak utility disk, 25-pin shielded SCSI cable, manual, and 25-pin to 50-pin SCSI adapter board. AmigaDOS 2.0 compatible. $175.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

SA-5 Host Adapter
SCSI Host Adapter for the A-500 or A-1000 features Xectec's high performance DMAx™ hardware, autoboot ROM, autconfig circuitry, sustem bus pass-thru, FastRam expansion connectors. Macintosh compatible 25-pin SCSI connector, provision for external + 5v from SH-series exclosures, and low-profile steel emclosure. Also included are a FastTrak utility disk, 25-pin shielded SCSI cable, manual, and 25-pin to 50-pin SCSI adapter board. AmigaDOS 2.0 compatible. $175.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

◆ SCSI-TV570
A hard disk interface for the A570 which fits in rear expansion slot and provides a DB-25 SCSI interface connector and a hard disk disable switch. SCSI-TV is a DMA controller that supports autobooting, the Rigid Disk Block standard, and SCSI-Direct commands. $170.00
Amitrix Development, 4805 - 47 Avenue, Beaumont, Alberta T4X 1G6, Canada, (403) 929-8459

Supra SCSI Interface for A500
SCSI interface board with Amiga-bis pass through and external SCSI port allows a hard disk to be connected to A500's. Includes Series III™ and ExpressCopy software, up to 8MB, RAM expansion capability, and thorough instruction. $249.95
Supra Corporation, 7101 Supra Drive SW, Albany, OR 97321, (800) 727-8772

SupraDrive 500XP
Features includes Supra Series III software, RAM test software, ExpressCopy backup software, Micro-Power drives, autobooting SCSI Interface, no external power necessary. One half to eight MB FAST RAM Expansion. Amiga bus pass-through, external SCSI port, game switch. Autoboot on/off switch, SCSI ID selector, RAM test mode. 52MB from $599.95, 120MB from $899.95, 240MB from $1149.95. One-year warranty.
Supra Corporation, 7101 Supra Drive SW, Albany, OR 97321, (800) 727-8772

Trumpcard 500 Classic
HC Trumpcard 500 HC autoboots directly to FFS partitions if desired. Automatic detection of volume change on Syquest removeable media drives is included at no charge. Half length card uses 256K x 8 or 1MB x 8 SIMMs for 512K, 1MB, 2MB, or 4MB of RAM. Upwardly compatible with the 2000. Also, every Trumpcard shipped includes support for SyQuest removable media drives at no extra charge. $189.95
Interactive Video Systems, 14804 Beach Blvd., LaMirada, CA 90638, (714) 228-2040

Trumpcard Classic
Exclusive IVS SMARTBOOT autoboots all drives (including Seagate) from cold start. Up to seven SCSI drives can be daisy-chained to one Trumpcard. Full support of Logical Units with Adaptec controllers. Supports all Quantum, Seagate, and Miniscribe drives. User-customizable driver supports virtually any SCSI hard disk drive. The list includes over 15 devices and is growing. Half length card takes only 1/2 slot. Optional brackets mount 3.5 drives to card. Exclusive IVS checklist configuration software makes hard drive setup a breeze. A two-foot 50-pin SCSI cable included with every Trumpcard. Also, every Trumpcard shipped includes support for SyQuest removable media drive. Full one-year warranty, parts, and labor. Now shipped with 2.0 software TC Utils, same as TC Pro. $89.95
Interactive Video Systems, 14804 Beach Blvd., LaMirada, CA 90638, (714) 228-2040

Trumpcard Professional
Trumpcard Pro is simply the fastest SCSI disk controller made for the Amiga. With the new generation drives and CBM2630 card, Trumpcard Pro gets DPerf3 times in excess of 2.1MB per second! Trumpcard Pro is a complete package; hard disk mounting brackets are included along with all power and interface cables. Trumpcard Pro is shipped with IVS' new TCUTILS 2.0, a completely revised version of Trumpcard disk configuration software. IVS also provides SCSI Share Network capability at no extra charge. Up to seven computers can share one or more hard drives, all on the same SCSI bus. Ideal for multiple Amiga stations to share storage. $169.95
Interactive Video Systems, 14804 Beach Blvd., LaMirada, CA 90638, (714) 228-2040

WordSync Interface for A2000
Hard disk interface for A2000 can be mounted as hard card or used in other configurations. Revolutionary design allows super smooth video, sound, and with no rude interruptions for hard drive access. Includes everything that comes with A2000 Supra Drive except hard disk. Autoboots from FFS partition. $149.95
Supra Corporation, 7101 Supra Drive SW, Albany, OR 97321, (800) 727-8772

❖ *HARD DRIVE KITS* ❖

HIDE 1000
Internal hard drive kits for Amiga 1000, complete 'no soldering required' internal hard drive kits for A1000. Storage from 50MB to 240 MB. Prices from $399 to $699.
Skyles Electric Works, 10301 Stonydale Dr., Cupertino, CA 95014, (408) 737-1632

● MAX—125™ Autoboot Interface Adapter
Allows you to connect IBM-compatible hard disk controllers and drives to ALL Amiga computer systems. Works with many 8- and 16-bit XT and AT, St506/412, ESDI, and IDE controllers and virtually all hard drives of these interface types. A2000 version takes only one slot position to handle two controllers when inserted in the right-most expansion slot and can be configured as a HardCard with optional mounting bracket. Passes the bus for the A500 and A1000. Priority selectable booting/mounting FastFileSystem partitions of up to four controller boards for a total of eight hard drives. Controller types and drive sizes can be intermixed. Compatible with A500/A1000/A2000/A3000 and most CPU coprocessor boards. NTSC/PAL compatible. AmigaDOS 2.0 compatible. Prices range from $149.95 to $189.95.
Palomax, Inc., 424 Moreboro Road, Hatboro, PA 19040-3932, (215) 672-6815

RH600C RocMate
This encloser kit is the perfect mate for an external hard disk drive. It is an external casing constructed of premium plastic and is compatible with Amiga, Macintosh, and IBM PC systems. Designed to house SCSI and AT-IDE hard disk drives. Includes external power supply. $140.00
RocTec Electronics Inc., 170 Knowles Drive, Ste. 202, Los Gatos, CA 95030-1844, (408) 379-1713

❖ *HARD DRIVE ACCESSORIES* ❖

50 flat SCSI cable x 12-inch
Order #FTA-FC12. $14.50
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

50-pin flat SCSI cable x 18-inch
Order #FTA-FC18 $15.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

50-pin flat SCSI cable x 6-inch
Order #FTA-FC6. $14.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

Adapter board
25-pin sub-D to 50-pin flat cable. Order #FTA-SMAC $22.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

External Expansion Cable for Mini FastCard
Order #FTA-EXC. $25.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

Faaastrom Kit-A2000
ROM and easy-to-use software for the A2000 greatly increases drive speed, gives full removable media support, and AMax II hard drive support. $49.95
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

Faaastrom Kit-A500
ROM and easy-to-use software for the A500 greatly increases drive speed, gives full removable media support and AMax II hard drive support. $49.95
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

FastSimm 1™
Zero wait-state 1MB SIMM memory module. Order #FTS-001. Call for current pricing.
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

FastSimm 4™
Zero wait-state 4 meg SIMM memory module. Order #FTS-004. Call for current pricing.
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

FastTrak Chassis
Hard drive chassis with power supply and fan (without drive). Order #FTC $140.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

Hard Disk Slammer V1.10.A
Hard Disk Slammer installs software onto hard drives, makes scripts and icons that allow installed software to execute from anywhere on the hard drive. Slammer keeps packages separate and allows installed software to be easily removed. Up to five drives can be defined. Accepts up to 10 disk sets of popular software. Artificial intelligence driven. Uses approx. 300K of drive space on system. Does not read non-DOS disks! NTSC/USA. Foreign distributors welcomed to contact. Requires 68000-68040, 1MB, hard disk, Workbench 1.2/1.3/2.0. $34.95, shipping and handling $3. $34.95
Zammoth Software, 328 Fair Street, Mansfield, OH 44902, (419) 526-6402

Phoenix SCSI Case
SCSI case connects to any D25 SCSI port and provides power via a disk drive adapter (with pass-through). Complete with power LED and activity LED. This unit will accept any 3.5-inch low profile (1-inch high) SCSI hard drive. $100.00
Phoenix Microtechnologies Pty. Ltd., 18 Hampton Road, Keswick, South Australia 5035, (011) 618-293-8752

SCSI-STD 17/12
Standard two-drive cable (12- and 17-inch). $44.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

SCSI-STD/17
Standard 17-inch hard drive cable. $29.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

SCSI-STD/3
Three-inch SCSI hardcard cable. $25.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

SCSI-STD/3/17
Two-drive hardcard cable with 3- and 17-inch connectors. $39.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

Shielded 25-pin sub-D to 50-pin flat cable.
Order #FTA-25SC. $10.00
Xetec, Inc.;, 2804 Arnold Road, *Salina, KS 67401, (913) 827-0685*

❖ *OPTICAL DRIVES* ❖

DMI Floptical
The DMI 20 MB Floptical Disk Drive is a mass storage solution bringing unprecedented cost performance to the Commodore Amiga. Floptical disks look and handle just like ordinary 3.5 inch diskettes but store 20 MB of data. The DMI Floptical drive is backwards compatible and can read and write 720K and 1.44MB IBM PC disks and 1.44MB Macintoshes. Floptical Technology is the integration of precision optical tracking and traditional read and write magnetic recording. The combining of these two technologies enables the DMI Floptical to reach high data capacities using inexpensive magnetic media. Requires an approved SCSI controller. $549.00
Digital Micronics, Inc., 2075 Corte del Nogal, Ste N, Carlsbad, CA 92009, (619) 931-8554

I325VM Floptical® Disk Drive
Floptical technology is a removable 3.5-inch SCSI floppy drive system that combines patented optical and magnetic recording technologies to achieve very high capacity (21MB) yet still reads and writes double density (720KB) and high density (1.44MB) formats. One 21MB Floptical disk gives you the same storage as 28 720KB or 14 1.44MB disks. $225.00
Insite Peripherals, 4433 Fortran Drive, San Jose, CA 95134, (408) 946-8080

Maxoptix Tahiti II
This 1.2 GB magneto-optical disk drive has built-in SCSI controller and uses front loading, removable, double-sided erasable media offering 1.2 GB of storage capacity. System features motor-drive cartridge ejection for orderly spin-down, power supply requirements compatible with industry standard 5.25-inch disk drives, and software-controllable media removal and media lock. $3599.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

Ricoh RO-5030E
Ricoh RO-5030E 5.25-inch disk drive provides speedy data access in only 71 milliseconds and offers 594MB of fully rewritable storage on a removable, two-sided magnetic-optical disk. Its sustained data transfer rate is up to 100 kilobytes per second for recording and up to 300 for reading, and has been incorporated into MS-DOS, and IBM OS/2-compatible systems. Uses highly reliable constant angular velocity (CAV) tracking, yielding an outstanding error rate of about one in every 10-12 bits read. Cartridge sold separately for $250. $3800.00
Ricoh Corporation, Five Dedrick Place, West Caldwell, NJ 07006, (201) 882-2000

❷ XY128RW 3.5-Inch Erasable Optical Subsystem
Compatible with A2000/2500/3000. Accessed via Amiga 2091 SCSI interface board. The Amiga can be booted directly from the optical drive, and the software supports AmigaDOS 1.3 and 2.0. Has access time of 42ms. Available in both external and internal configurations. Each 3.5-inch ISO format cartridge can store up to 128MB of data, and can be erased more than one million times. $2245.00
XYXIS Corp, , P.O. Box 8156, ST. Paul, MN 55108, (612) 492-3913 orders

XY600RW
Erasable optical subsystem consisting of an optical drive in a cabinet, cables, manual, software interface to the Amiga and rewriteable cartridges. Each removable cartridge stores 600MB of information. The optical drive appears as a system disk. $4250.00
XYXIS Corp, , P.O. Box 8156, ST. Paul, MN 55108, (612) 492-3913 orders

❷ XY600RW-HS 5.25-Inch Erasable Optical Subsystem
Compatible with A2000/2500/3000. Accessed via Amiga 2091 SCSI interface board. The Amiga can be booted directly from the optical drive, and the software supports AmigaDOS 1.3 and 2.0. Has access time of 37ms and transfer rate of 1MB per second. Each 5.25-inch ISO format cartridge can store up to 600MB of data, and can be erased more than one million times. $5245.00
XYXIS Corp, , P.O. Box 8156, ST. Paul, MN 55108, (612) 492-3913 orders

❖*REMOVABLE MEDIA* ❖

ALF-44DISK-E
External 5.25-inch removable hard disk drive, 28 ms, 44MB per cartridge. Has metal case with its own power supply and SCSI Centronics 50-pin pass-through. Comes with installation, backup software. Changedisk command for Workbench 1.3. English/French/German manual. For A3000/3000T. For A500, 500 Plus, A1000/2000 with any standard SCSI interface. Workbench 2.0 compatible. $625.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ALF-44DISK-I
Internal 5.25-inch removable hard disk drive, 28 ms, 44MB per cartridge. Comes with installation, backup software. Changedisk command for Workbench 1.3. English/French/German manual. For A3000/3000T. For A500, 500 Plus, A1000/2000 with any standard SCSI interface. Workbench 2.0 compatible. $375.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ALF-88DISK-E
External 5.25-inch removable hard disk drive, 19 ms, 88MB per cartridge. Has metal case with its own power supply and SCSI Centronics 50-pin pass-through. Comes with installation, backup software. Changedisk command for Workbench 1.3. English/French/German manual. For A4000, A3000/3000T. For A500, 500 Plus, A1000/2000 with any standard SCSI interface. Workbench 2.0 compatible.
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ALF-88DISK-I
Internal 5.25-inch removable hard disk drive, 19 ms, 88MB per cartridge. Comes with installation, backup software. English/French/German manual. For A4000, A3000/3000T. For A500, 500 Plus, A1000/2000 with any standard SCSI inter-

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face. Workbench 2.0 compatible.
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ALF-R44-Disk
Cartridge for internal and external 5.25-inch removable 44MB cartridge. Comes preformatted if required. English/French/German manual. For Amiga with any Syquest 555 compatible drive. $75.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ALF-R88-Disk
Cartridge for internal and external 5.25-inch removable 88MB cartridge. Comes preformatted if required. English/French/German manual. For Amiga with any Syquest 88MB compatible drive. $139.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

◆ **Bernoulli: The Box 150**
The Box 150 MB removable disk drive for the Amiga Power Creators. With 18ms access and built in read/write cache, The Box is as fast as most hard drives and up to 3X faster than competitive removable rigid drives. Indestuctible disks survive a 60 MPH drop onto a concrete highway. Full SCSI 2 allows immediate connect to all Amiga SCSI computers. Available as Insider version for Amiga 4000 and tower applications, or fully transportable version for ultimate versatility. For more information call: 800-4THEBOX. $699.00
Iomega Corporation, 1821 West 4000 South, Roy, UT 84067, (801) 778-1000

Syquest (SQ 5110) 88MB Removable Hard Drive
SQ 5110 features data integrity and fail-safe reliability via sealed cartridge filtration system. Has 20ms average seek, data transfer rate of up to 1.25MB/second, 8K buffer, self-diagnosis at power-up, and automatic error correction and retries. Mounts internally in A2000 5.25-inch drive bay or externally with GVP's Impact XC external case. Syquest (SQ 800) Removable Cartridge for SQ 5110 has 88MB formatted capacity per cartridge, and features 66.7ms average access time. $699.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

❖ *TAPE BACKUP* ❖

ALF-STR-Cartr-150
Cartridge for internal and external 5.25-inch, 150MB streaming tape drives. English/French/German manual. For any Amiga with 150MB or 230MB SCSI streaming tape drive. $33.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ALF-STR-Cartr-250
Cartridge for internal and external 5.25-inch, 230MB streaming tape drives. English/French/German manual. For any Amiga with 230MB SCSI streaming tape drive. $55.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ALF-STR-Cartr-GIGA
Cartridge for internal and external 5.25-inch, gigabyte streaming tape drives. English/French/German manual. For any Amiga with GB SCSI streaming tape drive. Call for prices.
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ALF-STR-GIGA-E
External portable SCSI 5.25-inch streaming tape drive. Runs 1GB tapes. Has metal case with its own power supply. SCSI pass-through Centronics 50-pin. Comes with installation and backup software. English/French/German manual. For A4000, A3000/3000T. For A500, 500Plus, A1000/2000 with any standard SCSI interface. Workbench 2.0 & 3.0 compatible. Call for prices.
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ALF-STR-GIGA-I
Internal portable SCSI 5.25-inch streaming tape drive. Runs 1GB tapes. SCSI pass-through Centronics 50-pin. Comes with installation and backup software. English/French/German manual. For A3000/3000T. For A500, 500Plus, A1000/2000 with any standard SCSI interface. Workbench 2.0 compatible. Call for prices.
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ALF-STR230-E
External portable SCSI 5.25-inch streaming tape drive. Runs 150MB and 230MB tapes. SCSI pass-through Centronics 50-pin. Comes with installation and backup software. English/French/German manual. For A4000, A3000/3000T. For A500, 500Plus, A1000/2000 with any standard SCSI interface. Workbench 2.0 compatible.
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ALF-STR230-I
Internal SCSI 5.25-inch streaming tape drive. Runs 150MB and 230MB tapes. Comes with installation and backup software. English/French/German manual. For A4000, A3000/3000T. For A500, 500Plus, A1000/2000 with any standard SCSI interface. Workbench 2.0 & 3.0 compatible.
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

❖ *HARD DRIVE CONTROLLER W/AUTOBOOT & EXPANSION* ❖

ALF3-AF2-SCSI
For A500. SCSI 2 high speed controller with up to 8MB RAM using zip RAM. 0K populated. Full length card with zip RAM sockets and room to mount one 3.5-inch hard drive. External SCSI 25-pin SubD connector. ALF hard drive and streamer installation software with backup and checkdrive software. English/French/German manual. Requires Workbench 1.2 or higher. Supports ATonce, IBEM, CD-ROM, Streamer, Syquest, and A-Max II. $298.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

ALF3-AH5-SCSI
For A500. SCSI 2 high speed controller with up to 8MB RAM using zip RAM. 0K populated. Comes in Amiga 500-style metal cover with room for one 3.5-inch hard drive. External SCSI port, control LEDs, on/off switch for RAM and SCSI. ALF hard drive and streamer installation software with backup and checkdrive software. English/French/German manual. Requires Workbench 1.2 or higher. Supports ATonce, IBEM, CD-ROM, Streamer, Syquest, and A-Max II. $399.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

Grand Slam Multifunction Card
Grand Slam packs the Trumpcard Professional SCSI hard drive controller, 8MB of fast RAM and a Printerface parallel port all onto a half-length Amiga expansion card. The high speed SCSI controller includes IVS' exclusive SCSI-SHARE SCSI networking software that allows multiple computers to share hard drives and other SCSI peripherals. The fast RAM can be configured as 0, 2, 4, 6, or 8MB using easy-to-install 1M x 8 SIMM memory modules. The parallel port is output only and is designed to connect to printers, allowing audio and video digitizers to connect to the Amiga parallel port directly. Grand Slam's half length form factor allows hard drives to be attached directly in a 'hard card' configuration. Grand Slam 2000 0K list price is $289.95. Grand Slam 500 0K is $369.95. Owners of Trumpcard, Trumpcard 500, Trumpcard Professional, and Trumpcard 500 Professional can upgrade to Grand Slam. SCSI Share Network capability provided with every Trumpcard Professional and Grand Slam at no extra charge. $269.00
Interactive Video Systems, 14804 Beach Blvd., LaMirada, CA 90638, (714) 228-2040

RH800C RocHard
This external hard disk drive casing and controller is streamlined to fit perfectly with the A500. Supports up to two IDE and seven SCSI drives. Expandable up to 8MB SIMM memory (1x8 or 1x9). Features autoboot and autoconfig with Kickstart 1.3 or above, three-position game switch, and quiet fan cooling unit. External power supply included is auto-power sensing. Rigid Disk Block and SCSI Direct. $230.00
RocTec Electronics Inc., 170 Knowles Drive, Ste. 202, Los Gatos, CA 95030-1844, (408) 379-1713

Trifecta 2000
Trifecta 2000 EC is a card for the A2000/2500. Includes a high-performance 16-bit IDE hard drive controller and sockets for up to 8MB of 0-wait state RAM in hard card configuration for mounting a 2.5- or 3.5-inch IDE hard drive. Trifecta 2000 LX includes all of the above plus high-speed SCSI-2 DMA controller supporting up to seven SCSI devices. SCSI-2 option can be added to Trifecta EC with simple, plug-in upgrade kit. Trifecta 2000 EC: $199.96, Trifecta 2000 LX: $249.96, Trifecta LX Kit: $69.96.
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

Trifecta 500
Trifecta 500 EC is a complete external expansion system for the A500. Includes a high-performance 16-bit IDE hard drive controller, sockets for up to 8MB of 0-wait state RAM, and a mini-slot expansion port, all in a sleek case with switching power supply and mounting for 2.5- or 3.5-inch IDE hard drive. Trifecta 500 LX includes all of the above plus high-speed SCSI-2 DMA controller supporting up to seven SCSI devices. SCSI-2 option can be added to Trifecta EC with simple, plug-in upgrade kit. Trifecta 500 EC: $299.96, Trifecta 500 LX: $349.96, Trifecta LX Kit: $69.96.
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

Trumpcard 500 AT
Trumpcard 500 AT hard disk/RAM expansion is the perfect add-on for users who want full functionality at a budget price without sacrificing performance. All of Trumpcard 500 AT's performance and function is wrapped in a beautiful, color-matched, injection-molded plastic housing that matches the contour, form, and aesthetics of the A500. Can accept any 3.5-inch AT (IDE) hard drive. In addition to hard disk, Trumpcard 500 AT includes memory expansion up to a full 8MB of 16-bit fast RAM using industry-standard 1MX8 SIMM modules. RAM is fully autoconfigured and can be added at the user's convenience before or after the hard drive. Includes all cables and software necessary for configuration and extensive memory testing. AmigaDOS 2.0 compatible. $175.00
Interactive Video Systems, 14804 Beach Blvd., LaMirada, CA 90638, (714) 228-2040

Memory Expansion

❖ MEMORY EXPANSION ❖ GENERAL

512K RAM Expansion
A 512K memory expansion board for A500. Available with and without clock calendar option. Has on-board switch to switch the memory in or out without removing the board. $99.95
Rio Computers, 3310 Berwyck St., Las Vegas, NV 89121, (800) 782-9110

8-UP! (DIP)
FastRAM DIP (Dual Inline Package) is a truly Amiga-specific version of the popular 8-UP! (SIMM). Using MicroBotic's Programmable Macro Logic chips assures a zero wait state/minimal-refresh-collision memory design. Extremely low-power memory card 8MB 8-UP! (DIP) draws an astoundingly efficient 800 milliamps! All RAM is conventional, socketed 1-megabit by 1, 120ns DIP RAM. For maximum flexibility, memory space is divided into two autoconfiguring devices-PIC's. Each consists of two banks of 16 sockets. Possible memory sizes are 2, 4, 6, and 8MB. $159 and up. $159.00
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

A2058 RAM Expansion Board
A 2MB RAM expansion for the Amiga 2000, 3000, and 4000 series computers. Expandable to 8MB. $349.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

AX 1000/AX 2000 RAM Board
The AX1000/AX2000 is an auto-config 1MB or 2MB meg RAM board for the A1000. Both have full pass-through on the expansion bus, allowing multiple expansion devices to be connected, allowing to expand the A1000 system as the need arises. Prices are: $299-$399 Canadian.
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

❷ AdRAM 2080
Easily adds 2, 4, 6, or 8MB of autoconfiguring RAM to an Amiga 1500, 2000, 2500, or 3000. Price shown is for unpopulated board. $109.96
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

❷ AdRAM 505
Half-sized card adds 512K of RAM to the Amiga 500 through the slot under the keyboard. Price shown is for unpopulated board. $29.96
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

❷ AdRAM 510 Plus
Adds 512K or 1MB of additional chip RAM to the Amiga 500 Plus. Price shown is for unpopulated board. $39.96
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

❷ AdRAM 540
Adds up to 4MB of RAM internally for the Amiga 500. RAM can be added one-half MB at a time. Price shown is for unpopulated board. $109.96
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

❷ AdRAM 560D
Adds an additional 2MB of RAM to an Amiga 500. Requires AdRAM 540 with at least 512K installed. Fully populated. $239.96
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

◆ AlfaRam 1200 1/9MB Internal Ram Card
Provides a maximum of 9 megabytes of fast RAM for the Amiga 1200. Open socket provides for the addition of an optional 68881 or 68882. The board comes with 1MB fast RAM installed. $199.95
Alfa Data U.S., P.O. Box 6990, Champaign, IL 61826, (217) 356-1962

BASEboard
The BASEboard is a 4MB memory upgrade card for the Amiga 500's A501 slot. With the optional daughter card the total can be increased to a total of 6.5MB. The BASEboard provides a battery-backed clock, works with both the 512K and the 1MB versions of the Agnus chips, and is 100% compatible with all Amiga software. The BASEboard features 'plug in' installation without any soldering for both Agnus chips. The memory board utilizes special four layer construction allowing you to use any speed memory from any manufacturer. The 4 x 8 socketed memory array uses industry standard 256 x 4 DRAMS and the memory can be increased in 512K increments. Its low power design does not require extra power and its location leaves the expansion bus free for additional peripherals. Optional contiguous memory mapping is available up to 6MB with the OVERboard. 0K memory. $149.95
Expansion Systems, 44862 Osgood Road, Fremont, CA 94539, (510) 656-2890

BattDisk
A battery-backed very fast Static RAM Disk for the A2000 & A3000. Provides up to a 2MB Static Ramdisk that is easily expandible from 0K, in 64K or 256K increments to 2MB. Does not take any Amiga memory expansion space. Will survive power down. Device is fully autobootable under 1.3. Excellent for multimedia applications or animations where you need access. Data transfer rates up to 2.7 MB per second. Can be hardware or software write-protected. Also available in an Eprom version, for use in turnkey systems. $269.95 w/0K.
DKB Software, 50240 West Pontiac Trail, Wixom, MI 48393, (313) 960-8750 support

Cortex 512K RAM Expansion for A500
Low power 1MB RAM chips. Enable/disable switch. Fat Agnus compatble for 1MB Chip RAM. Available with or without battery-backed clock/calendar module.
Cortex Design Technologies Ltd., Britannia Buildings, 46 Fenwick Street, Liverpool L27NB, England, (011) 4451-236-0480

Cortex 8MB RAM Expansion for A1500/A2000
Fully implemented auto-configure. Zero wait-states. Uses standard 1MB x 8 or 9 bits SIMMS. Available as 2MB, 4MB, 6MB, or 8MB.
Cortex Design Technologies Ltd., Britannia Buildings, 46 Fenwick Street, Liverpool L27NB, England, (011) 4451-236-0480

Cortex 8MB RAM Expansion for A500/A1000
Fully implemented auto-configure, operational through-bus. Has its own power supply. Zero wait states. External fitting–warranty remains intact. Available for 0MB, 269.; 2MB, $399.; 4MB, $529.; 8MB, 759.
Cortex Design Technologies Ltd., Britannia Buildings, 46 Fenwick Street, Liverpool L27NB, England, (011) 4451-236-0480

DataFlyer
The DataFlyer is a full-featured hard drive controller for the Amiga. This non-DMA hard drive controller is available in SCSI or IDE models. The DataFlyer controller has all the standard features of products costing twice as much and more. The IDF clocks test speeds of 825K reads and writes using the Diskspeed tests. The DataFlyer 500 and 1000 includes a chassis that easily plugs onto the Amiga expansion bus and accepts your choice of any 3.5-inch hard drive unit. The cards in the chassis can be removed and installed in an expansion card slot of any Amiga 2000. An additional 8MB of RAM can be added to any controller (now or later) with the optional DataFlyer RAM board. A long list of features insures ease of operation. Options include DB25 SCSI pass through, hard card rails and power supply for the DataFlyer 500. Prices for the hard drive controller with autoboot range from $89.95 to $249.95. Prices for the hard drive controller with autoboot and expansion memory range from $209.95 to $$369.95.
Expansion Systems, 44862 Osgood Road, Fremont, CA 94539, (510) 656-2890

FastRam for A1000 (option)
FastRam board for the A1000. Installs in the SA10 host adapter allowing memory expansion up to 4 Mb using 1 Mb FastSimm modules or up to 8Mb using 4 Mb FastSimm modules. Price does not include simms. Order #FR10. $85.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

FastRam for A500 (option)
FastRam board installs in SA-5 host adapter to allow memory expansion to 8MB using FastSimm modules. (FastSimm modules may be purchased separately). For the A500. Order #FR5. $75.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

FastRam with 2 meg
FastRam board with 2-1MB memory modules installed. For the A500, order #FR5-2.. For the A1000, order #FR10-2. Call for current pricing.
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

FastRam with 4 meg
FastRam board with 4-1MB memory modules installed. For the A500, order #FR5-4. For the A1000, order #FR10-4. Call for current pricing.
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

❷ KwikStart II
Allows A1000 owners to install a V1.3 and V2.0 Kickstart Rom in their A1000. Will let you upgrade to the latest operating system without using up your system memory. You can still boot from disk-based Kickstart if needed. Compatible with the Insider and Insider II. Price listed is for the KwikStart II ROM board without ROMs. $69.95
DKB Software, 50240 West Pontiac Trail, Wixom, MI 48393, (313) 960-8750 support

M502 1MB Standard RAM Expansion
The M502 is a high quality,1MB standard RAM expansion for the Amiga 500 Plus (increases total chip RAM to 2MB). User installable. Chips are socketed and replaceable. Totally compatible with A500 Plus. French, German, and other language support for included documentation; worldwide distribution. $59.00
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

MM 2150 Mega-Memory Board™
A 2, 4, or 8MB 32-bit DRAM daughterboard for Mega-Midget Racer. Programmable DRAM controller allows for use of 100ns to 60ns DRAM chips. Faster RAM provides faster throughput. Allows for 19MB RAM to be installed in any Amiga. Surface-mount design saves space, enhances reliability. Prices start at $289.
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

MegAChip 2000/500 With 2MB Agnus Chip
MegAChip 2000/500 Graphics Memory board now sold with 1MB RAM on board and 2MB Super Agnus chip. Installs in Agnus socket on motherboard. Will autoconfigure using 1MB RAM already in A2000/500 as 2MB contiguous block of chip RAM without any special software. A500 must have expansion board that works as second 512K of chip RAM (A501) installed to work with MegAChip 2000/500 or will configure as 1.5MB chip RAM. $349.95
DKB Software, 50240 West Pontiac Trail, Wixom, MI 48393, (313) 960-8750 support

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Memory for Amiga
Memory expansion for the A500, A1000, and A2000. For the A500 we offer 512K to 8MB of internal and external (leftside) memory. For the A1000, we offer 512K of internal and external (rightside, frontside) memory. And for the A2000, we offer 512K to 8MB of internal memory expansion. $49.95 to $499.95. NTSC, PAL, AmigaDOS 2.0 compatible.
Skyles Electric Works, 10301 Stonydale Dr., Cupertino, CA 95014, (408) 737-1632

◆ Modular Expansion System
The Modular Expansion System that would allow A1200 user to fit two expansion boards in the standard RAM expansion port. eMC will allow other hardware developers to utilize the device through a licensing agreement. $50.00
Elite Micro-Computers, 138 Turner St., Port Reading, NJ 07064, (908) 541-4214

OVERboard
The OVERboard plugs onto the BASEboard and provides an additional 2MB of memory. It brings your Amiga up to 6.5MB of internal memory. The mapping provides 4MB contiguous memory blocks with optional mapping available that increases it to 6MB. It comes with 512K installed and sockets for an additional 1.5MB. The OVERboard also utilizes worry-free four-layer construction. $129.95
Expansion Systems, 44862 Osgood Road, Fremont, CA 94539, (510) 656-2890

RA5 Series Internal RAM Card for Amiga 500
RA5-512K—512KB RAM card. RA5-2M-2—2MB RAM card, with 512KB CHIP-RAM and 1.5MB Fast-RAM. RA%-2M-0—0-2MB RAM card unpopulated. Easy to install on the A500. Supports reset-proof RAM disk, fully compatible with hard disk. Supports On/Off switch to Enable/Disable expanded RAM. $39.95
Alfa Data U.S., P.O. Box 6990, Champaign, IL 61826, (217) 356-1962

RC-1000
2-4MB memory upgrade for A1000 with 2MB on board. $185.00
GoldenIMAGE Technology Corp., 2657 Saturn St., BREA, CA 92621, (800) 327-4482

RC-2000
A 2-8MB memory upgrade for A2000 with 2MB on board. $199.00
GoldenIMAGE Technology Corp., 2657 Saturn St., BREA, CA 92621, (800) 327-4482

Supra RAM 2000
RAM board for the A2000. Easy to expand. Zero wait states and hidden refresh. Four-layer board reduces noise and improves reliability. Made in the USA. 2MB $219.95, 4MB $299.95, 6MB $379.95, 8MB $449.95. Five year warranty.
Supra Corporation, 7101 Supra Drive SW, Albany, OR 97321, (800) 727-8772

SupraDrive™ Floppy Disk Drive
Quiet, reliable floppy disk drive works with all Amiga computers. 1MB unformatted capacity. Pass-through port for connecting additional drives. Virus protection and anti-click noise reduction. $149.95
Supra Corporation, 7101 Supra Drive SW, Albany, OR 97321, (800) 727-8772

SupraRam 500RX
The SupraRam 500RX is a 1/2 to 8MB external FAST RAM expansion that lets the A500 user run larger and more sophisticated programs and create large, very fast RAM disks. The board fits into a compact case that easily plugs onto the computer's expansion port. It features an Amiga bus pass-through that allows the user to connect additional devices. It uses zero-wait states and hidden refresh for optimal speed, and features a test mode and diagnostic software to simplify troubleshooting. 1MB $169.95, 2MB $249.95, 8MB $579.95. One-year warranty.
Supra Corporation, 7101 Supra Drive SW, Albany, OR 97321, (800) 727-8772

The DataFlyer RAM
The DataFlyer RAM is a 4/8MB memory board that plugs onto the DataFlyer interface or can be used as an A2000 card in a 100 pin slot. Using 256 x 4 DRAMs, memory can be added in increments of 512K up to 4MB. Using 1MB x 4 DRAMs (DIP), memory can be added in increments of 2MB and up to 8MB. 0K memory. $119.95
Expansion Systems, 44862 Osgood Road, Fremont, CA 94539, (510) 656-2890

VXL RAM-32 (2MB/Burst)
RAM-32 for the VXL-30 accelerator. 2MB of 60-ns 32-bit wide memory. Supports high-speed burst mode. Autoconfigs. Supports DMA transfers. Can be optionally mapped at hex 8 000 000. Kickstart can be mapped to memory even without MMU. Has socket and logic support for alternate Kickstart ROM (i.e., AmigaDOS 2.0). Can be used as 16-bit wide memory when in 68000 mode. French, German, and other language support for included software and documentation; worldwide distribution. Requires A500 or A2000 with VXL-30 installed. $299.00
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

VXL RAM-32 (8MB/Burst)
RAM-32 for the VXL-30 accelerator. 8MB of 80-ns, 32-bit wide memory. Supports high-speed burst mode. Autoconfigs. Supports DMA transfers. Can be optionally mapped at hex 8 000 000. Kickstart can be mapped to memory even without MMU. Has socket and logic support for alternate Kickstart ROM (i.e., AmigaDOS 2.0). Can be used as 16-bit wide memory when in 68000 mode. French, German, and other language support for included software and documentation; worldwide distribution. Requires A500 or A2000 with VXL-30 installed. $799.00
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

❖ *32 BIT MEMORY EXPANSION* ❖

DKB 1202
The addition of 32-bit wide Fast RAM makes all software run from 50% to 100% faster, and the DKB 1202 board provides the maximum Fast RAM expansion possible—up to 8MB. The DKB 1202 has two SIMM sockets, which make it easy to add 1-, 4-, 5-, or 8MB of RAM, using the same type of memory modules that are found in the A4000. The optional math coprocessor chip can speed up certain math-intensive programs by as much as 10 times or more. Since the 1202's coprocessor speed isn't limited to speed of the main processor, the user can install a 68882 chip that runs as fast as 40MHz (avalable as an optional upgrade from DKB). $189.95
DKB Software, 50240 West Pontiac Trail, Wixom, MI 48393, (313) 960-8750 support

DKB 2632
A 32-bit memory expansion board for the A2500/A2630 accelerator card. Allows 32-bit memory beyond 4MB. The board is expandable to 112MB using 32-bit wide SIMM modules. Allows you to Mix-n-Match different size memory modules on the board at one time. The DKB 2632 RAM is faster than the RAM on the 2630 card and has full burst mode support. Excellent for use in video graphics, animation, and desktop publishing applicaitons. Requires A2000 with CBM A2630 accelerator. Compatible with AmigaDOS 1.3 and above. (2.0 and above recommended). Price listed is for the DKB 2632 board without memory. $279.95
DKB Software, 50240 West Pontiac Trail, Wixom, MI 48393, (313) 960-8750 support

◆ DKB 3128
A single DKB 3128 board allows A3000/A4000 owners to expand their total RAM to 146MB. And if 146MB isn't enough, users can add more boards to the system, each of which can hold to128MB. Its massive memory capacity makes the DKB 3128 board a neccessity for Video Toaster 4000 users. Not only does the board accept a wide variety of industry-standard 4-, 8-, 16-, and 32MB memory modules (SIMMs), but it can use modules of varying sizes at the same time. Four right-angle SIMM sockets give the board the lowest possible profile, making it easy to install it in any slot, along side of any other boards. $374.95
DKB Software, 50240 West Pontiac Trail, Wixom, MI 48393, (313) 960-8750 support

❖ *MEMORY EXPANSION W/CLOCK* ❖

501-s Memory+Clock
Half a MB, Clock, and Switch for the A500! When you add the inboard 512K memory and clock module to your A500, make it a MicroBotics-brand, plug compatible work-alike. Its built-in switch allows you to shut it down without having to uninstall it when ill-behaved software expects no more than 512k in your Amiga. The M501-s uses high-quality 256K-by-1 CMOS memory chips and a long-life, user replaceable lithium battery. Set the Microbotics clock using the same software on your Workbench disk as you use for the Commodore clock. $49.00
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

Insider II
Allows A1000 owners to add up to 1.5MB of Fast RAM internally. User Expandable in 512K increments using 256K x 4 DRAMs. Includes battery-backed clock calender. Comes with software for the clock and testing RAM. Simple installation, no soldering required. The Insider II is compatible with the Kwikstart ROM board. Price listed is for the Insider II without memory. $159.95
DKB Software, 50240 West Pontiac Trail, Wixom, MI 48393, (313) 960-8750 support

Power PC Board™
IBM PC emulator for Amiga 500 and 2000 computers. 1MB PC RAM. Supports Hercules, CGA, VGA, and MCA monochrome and 16-color modes. Includes clock/calendar and DOS software. $399.95
Supra Corporation, 7101 Supra Drive SW, Albany, OR 97321, (800) 727-8772

Pyramid 4MB RAM Expansion W/0K
This Omni-Eureka 4MB RAM expansion w/0K provides battery backed clock calendar as well as 4MB RAM. With more applications requiring additional RAM, this board is ideal for A500 owner. Uses 256K x 4DRAMs; expandable in 512K increments. Can also be configured to provide additional 512K chip RAM for use with Fatter Agnus. $89.95
Micro R & D, Inc., 721 O Street, PO Box 130, Loup City, NE 68853, (308) 745-1243

Pyramid 512K RAM Expansion
This A-501 clone from Omni-Eureka comes fully populated, and includes battery backed-up clock and calendar. Very reliable for A500 expansions because it uses only four memory chips, ZIP-style 256K x 4DRAMs. About 1/4 size of original A-501. $74.95
Micro R & D, Inc., 721 O Street, PO Box 130, Loup City, NE 68853, (308) 745-1243

RC-500
A 512K memory upgrade for the A500 with clock/calendar. $55.00
GoldenIMAGE Technology Corp., 2657 Saturn St., BREA, CA 92621, (800) 327-4482

SupraRAM™ 500
This 1/2MB memory expansion includes battery backed-up clock/calendar. Easy to install in expansion slot on bottom of Amiga 500. $69.95
Supra Corporation, 7101 Supra Drive SW, Albany, OR 97321, (800) 727-8772

Viper 1230
Viper 1230 offers the Amiga 1200 owner a 68030 accelerator supporting high-speed memory expansion, and FPU coprocessor socket, a battery-backed realtime clock, and a unique 16-bit Direct Memory Access (DMA) port for further expansion capabilities. Up to 32MB of Fast RAM can be added. Viper 1230/40MHz, no FPU, no RAM-$499. Viper 1230/50MHz, no FPU, no RAM, $699
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

Video Toaster

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❖ *TOASTER* ❖

◆ **AutoPaint**
25 Screen Templates that automatically composite pictures using framestores and 24-bit RGB's or IFF's in Toaster Paint. AutoPaint controls Toaster Paint and will shrink and place your pictures where you want them. This program has a simple point and click interface with 3 levels of adjustable auto beveling and drop shadows. Help has arrived - What took hours now only takes minutes. VHS demo tape $5.00 Requires Toaster and 8 Megs of RAM. $149.00
A+ Development, 7970 S. Madison Ave., Burr Ridge, IL 60521, (708) 654-0321

Background Bits 24
This is a collection set up for those either titling with a Video Toaster or any other 24-bit program that accepts a 736 x 480 overscan ability. Graduated shades in blue, gold, and greens, shaded boxes, gridwork, and brushes to create your own are packed on these two handy disks. $28.00
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

Big Rig Set
Professional-level 3-D semi-cab and trailer for LightWave 3D. Based on Freightliner Aerodyne, The Big Rig Set is modeled to +/-22 mm and offers more than 20 moving parts, multiple map-ready surfaces, working lights, and much more. Created by national LightWave columnist David Hopkins. $49.95
Mach Universe, 3019 Pico Blvd., Santa Monica, CA 90405, (310) 315-1750

DejaVue
DejaVue is a control memory subsystem that improves the operation of the NewTek Video Toaster for both stand-alone and large system users. It has two primary operating modes: learn and recall. When learning, the DejaVue software queries the Toaster software for operator settings, selections, and values to the stored data, saving you a substantial number of mouse or keyboard commands. For production use, the DejaVue allows many effects to be preprogrammed, ready for rapid recall during a fast-paced production. Complex effects, such as a sized and positioned image in a partial wipe, are easily and repeatedly performed. $398.00
PreVue Technologies, P.O. Box 907, Monterey, CA 93942, (408) 372-6192

◆ **Dynamic Motion Module**
Make your LightWave 3D animations as realistic as the world around you and eliminate the complexity of animating at the same time. Dynamic Motion Module lets both animation novices and experienced animatiors rely upon the laws of physics and the computing power of the Amiga to automatically define and create real-world motion and object interaction in LightWave animations. $149.95
Positron Publishing, 1125 South 119th St., Omaha, NE 68144, (800) 593-2141

Fighter Duel Pro Flight Recorder
This flight simulator adds ability to create realistic, complex motion paths for use with LightWave 3D. Can also generate FDPro demo reels to review flights. Create in minutes an aerodynamically correct flight path that once took years, or a company's logo move that took weeks. Simultaneously records position and attitude information for three aircraft at 30 frames/sec for 45 mins on 9MB system. Motion paths are then imported into LightWave 3D to animate flying objects, camera viewpoint, aircraft, logos. Control 2nd and 3rd aircraft by computer or via serial port link. Requires min 3MB, Kickstart 1.2 or higher. Hard drive recommended. $79.95
Jaeger Software, 7800 White Cliff Terrace, Rockville, MD 20855, (301) 948-6862

Full 24
Professional scanned 24-bit images/brushes for people who work with desktop video, 3-D rending/animations, and graphic design. Great for Video Toaster 2.0 and Imagine owners who need a background and/or texture ready to use. Package includes: Backgrounds, Textures, Brush Maps, Space/Stars Scenes, and Bump Map. Demo kit:$10. $149.95
AirStream Graphics, 238 Ridge Dr., San Antonio, TX 78228, (512) 436-1354

MONTAGE
MONTAGE, the first 3rd party application for the Toaster, features realtime font scaling in 16 million colors with ultra high level anti-aliasing for effective resolution of 1 nanosecond. 24-bit image compositing and processing with auto Toaster sequencing of up to 999 pages. Improved Toaster output signal and NTSC filter for reduced dot crawl and rigging. 8 Master typefaces included. Network caliber graphics in minutes. Requires Amiga with Toaster 2.0, 3.0, or Toaster 4000, 8Mb free, Amiga 2.0 with accelerator strongly recommended. $499.95
InnoVision Technology, 1933 Davis Street, Suite 238, San Leandro, CA 94577, (510) 638-0800

◆ **Mastering Television Technology**
In Mastering Television Technology, author Coleman Cecil Smith explains audio and video concepts in a way that's easy for both seasoned vido professionals and vido newcomers to understand. Smith, a noted engineer, author, and instructor has taught these principles to thousands of students in classrooms across the country. 388 pages, hardcover. $49.95
Positron Publishing, 1125 South 119th St., Omaha, NE 68144, (800) 593-2141

Mastering Toaster Technology
256- page book written by former Video Toaster Product Manager; Brent Malnack. Step-by-step guide to Toaster system design, 3-D logo creation, rotoscoping and what to charge for your services. Software included to convert any IFF brush to Toaster Colorfonts, custom switcher wipes, laser scanned 3-D objects and a color clip-art font. Requires Amiga w/Toaster. Recently updated w/ Toaster 4000 tutorials. $49.95
Positron Publishing, 1125 South 119th St., Omaha, NE 68144, (800) 593-2141

Media Point Ad-on XaPPs
Various ad-on device control and utility modules for the Media Point multimedia presentation software. Devices to be supported include various industrial VCRs, genlocks, routing switchers, editing switchers, and display products such as the Video Toaster. $29.95 to $299.
Computer Video Solutions, Inc., 14-B S. 7th Street, Akon, PA 17501, (717) 859-2049

◆ **Mother Earth's Textures**
A special edition of the Pixel Perfect 24 collection, Mother Earth's Textures is a 12-set collection of 300 unique textures in IFF 24-bit 752x480 size for 3D texture mapping, video graphics and titling backgrounds. Mother Earth's Textures are packaged into twelve sets of 25 textures each, in JPEG format on standard 880k Amiga floppy disks. Free utilities include our point and click JPEG decompressor and Thomas Krehbiel's ViewTek JPEG/AGA viewer. 24-bit and HAM8 directory images show all textures at once glance for easy reference. Sets one through twelve are $39.95 each. NTSC. $39.95
Digital Designs Group, P.O.Box 593, Whiteville, NC 28472-0593, (919) 642-6295

Motion Man
Fully articulated 3-D model derived from and identical in structure to CycleMan for Imagine, but accommodates demand from LightWave users for human figure. Developed by Tim Wilson and Thomas Hollier. For both sophisticated and casual users. Comes as complete set of 60 body parts which are automatically assembled by included LightWave scene file. Includes manual and 3.5 x 4.5 print. $79.95
Anti Gravity Products, 456 Lincoln Blvd, Santa Monica, CA 90402, (310) 393-6650

❷ **Pixel Perfect 24**
Gigantic 93MB collection of 16-million color backgrounds and clip art, providing 150 full-screen 752 x 480 images in 24-bit color. Perfect fit for Video Toaster, all images processed for IRE limit for assured broadcast video compatibility. Original scenery images, TV-network style backgrounds, graphics, maps, American themes, 'text bars,' more. Comes as 46-disk collection (or on 44-MB SyQuest by special order) in JPEG compression format. Thorough, fully indexed instruction manual, tips, cross-referenced listings. NTSC. Requires 2MB. Disk collection: $399.95, SyQuest: $499.95.
Digital Designs Group, P.O.Box 593, Whiteville, NC 28472-0593, (919) 642-6295

❷ **REXX PLUS Compiler**
Compiles Video Toaster ARexx scripts, and generates executables that are as much as 18 times faster. Version 1.30 generates 50 to 60% smaller programs with the new run-time library option and 10% smaller programs with the default options. Provides more processing time for the Video Toaster, Infra Red controllers, Digitizers, Paint Programs and other ARexx controlled software. The Compiler eliminates 'ToasterARexx.port' and 'GENLOCK AREXX PORT' function host lookups by resolving host function calls at compile-time. The compiler includes and supports the rexxsupport.library, rexxmathlib.library, and rexxplsextnd.library functions as part of the language (built-ins). The REXX RAINBOW Library Series libraries are supported as external support libraries or as part of the language (built-ins). The Intuition interface allows the most novice user to compile REXX programs at a touch of a button. It generates more explicit error messages with a line and a column number, and finds most errors with a single compile. The Rexx Variable Interface is supported by the REXX PLUS Compiler giving direct access of symbols to both Hosts and libraries. Compiled programs can be invoked directly form the Workbench, from the CLI as a command, or from any Host. Programs can be distributed as commercial products, as freely redistributable, or to your friends (run-time licence fee no longer required). Compiler requires 1MB. Compiled programs require ARexx and a minimum of 500K. Upgrade from 1.2x is free to customers ordering after Oct. 31, 1992 and $20.00 for existing customers. AmigaDOS 1.3, 2.0, and 3.0 compatible. $150.00
Dineen Edwards Group, 19785 West Twelve Mile Road, Ste. 305, Southfield, MI 48076-2553, (313) 352-4288

RouteMeister RM4X4VC
Amiga controlled routing switcher. Software includes Workbench, CLI, and AREXX interfaces. The RM4X4VC is a 4 input, 4 output video and stereo audio switcher with audio-follow-video and audio breakaway. Software also supports

◆ New Product Listing
❷ AmigaDOS release 2 Compatible *(Vendor Verified)*

Video Toaster

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Commodore's A2232 multiserial card. Other routing switcher configurations available by Spring '94. Requires any Amiga W/512k RAM & serial port. $499.00
Computer Video Solutions, Inc., 14-B S. 7th Street, Akon, PA 17501, (717) 859-2049

Scriptgen
ARexx script generator lets you create slideshows for Video Toaster 1.0 and 2.0. Works quickly and easily with hotkeys. Trim and Expand function edits length of script evenly. Allows use of CG DVEs. Change from 1.0 to 2.0 DVEs by changing projects, change book, auto fades, backgrounds, and GPI triggering via joystick or mouse to make transitions at exactly the time you wish. No need to learn command order; Scriptgen already knows it. Just choose frame pictures and CG pages and Scriptgen puts them together. Scripts may be edited with your word processor. Playback is even easier than creating. $49.95
Troy Soft, 240 West Shores Rd, Orange Park, FL 32073-8133, (904) 264-TROY

◆ **Surface Pro for LightWave**
This set includes a wide variety of surfaces that can be instantly appplied to your LightWave objects. While these surfaces yield high-quality results, most require less than 200K of memory. Finally, a versatile set of LightWave surfaces, ready to use at your fingertips...and of course, they are completely seamless. $69.95
Visual Inspirations, 809 W. Hollywood, Tampa, FL 33604, (813) 935-6410

❷ **T-Rexx Professional**
Complete ARexx command lists for the Toaster and 11 other Toaster-related products. Point-and-click control and plain English descriptions let non-programmers create complicated ARexx scripts. And, T-Rexx is the first product of this kind to provide completely Toaster-independent conversion of Framestores to and from IFF/RGB. $249.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

TDL487 Video Delay Line
Designed specifically for use with Video Toaster and Amiga. Toaster has internal 400+ nanosecond delay which must be accounted for when integrating it into broadcast or post production use. Toaster users must time their system to compensate for this 400+ nanoseconds by adding delay to other video signals they intend to use in conjunction with the Toaster. Delay Line provides a 360-nanosecond fixed delay and a 127-nanosecond switch variable delay to compensate for the Toaster. With Delay Line, all video signals can be easily timed to the Toaster video signal. It can also be used for timing inputs 2, 3, and 4 on the Toaster to input 1. NTSC. $275.00
Allen Avionics, Inc., 224 East Second Street, Mineola, NY 11501, (516) 248-8080

TDL488-T Video Delay Line
This second Video Delay Line has all original features plus advanced features such as +/-1 ns fine trimmer designed specifically for Video Toaster and Amiga computer-video systems. All video signals can now be easily timed to Toaster video signal. $325.00
Allen Avionics, Inc., 224 East Second Street, Mineola, NY 11501, (516) 248-8080

◆ **The BreadBoard**
The BreadBoard allows for an optimal interface from the Video Toaster to a downstream professional video switcher. The BreadBoard has three delay channels for delayed feeds of Inputs 1-4. It provides buffered input video in time with Toaster Program Output video. The BreadBoard gives Key signal access to provide independent feeds of Key signals. High-quality keying can now be done with an external switcher/keyer to preserve background video quality. The BreadBoard also includes extra Program/Preview buffers for driving monitors, VTRs, and other equipment. $398.00
PreVue Technologies, P.O. Box 907, Monterey, , CA 93942, (408) 372-6192

◆ **The Flying Mouse**
Two-button, matchbook-sized RF transmitter and receiver unit that plugs into mouse port for remote control of MediaPoint, Scala, or other presentation programs. Plug it into the joystick port as a GPI trigger and launch to Toaster sequences from 100 feet away. $269.95
Computer Video Solutions, Inc., 14-B S. 7th Street, Akon, PA 17501, (717) 859-2049

◆ **Toast Timer**
The Toast Timer effectively gives the Video Toaster the Horizontal and SubCarrier adjustments necessary for timing into a large video system. the Toaast Timer effectively 'back-times' the downstream switcher's genlock reference so that it can also be used by the Video Toaster. The Toast Timer genlocks to a black burst or color bar reference video. The H and SC adjustments are accessible without removing the Amiga cover. The black level is adjustable from 0 to 15 IRE. $298.00
PreVue Technologies, P.O. Box 907, Monterey, , CA 93942, (408) 372-6192

Toaster Cozzy 4000
Allows Video Toaster card to work properly in A3000. No warranties are voided, as no modification to any product is needed. Also works with A400 with video slot installed. Includes 65-watt regulated power supply with 'slaved instant-on' feature. Also provides stable black burst generator with 5 BNC video output. Heifner also provides complete Toaster workstations based on newest A3000. $790.00
Heifner Communications, Inc., 4451 I-70 Dr. N.W., Columbia, MO 65202, (800) 445-6164

Toaster Oven
For use with A3000 motherboard. Gives you a 275-watt power supply. Room for 11 drives: six 5.25 drives and five 3.5 disk drives or other optional peripherals. Expansion card has seven slots, giving you the ultimate workstation. Two cooling fans. Currently equipped with 110 V, 60Hz, 220 V, 50 Hz. $399.95
Ambitious Technologies, 1519 W134th St., Gordena, CA 90249, (310) 379-1425

◆ **Toaster Oven 4000**
The Toaster Oven 4000 is a Tower Conversion Kit for the A4000 and A3000 Amiga desktop computer. It gives you 11 expansion slots to use at one time. 4 Zorro slots, 6 passive PC slots and 1 video. 10 drive bays, 300 watt pwr. supply and all cables needed for the conversion. Simple conversion with very little experience needed. Optional and upgradable multi Video Slot released November 1993.
Ambitious Technologies, 1519 W134th St., Gordena, CA 90249, (310) 379-1425

❷ **Toaster Toolkit 4000**
Six utility programs: AnimFX creates real Toaster wipe, action/sports and softedge effects. Toaster Sequence Editor creates script files to control all Toaster functions; it also provides timing, looping and ARexx/Serial control. Toaster Project Editor project files to rearrange effects and adjust timing; also creates MacroFX to run programs and scripts from the Switcher. FrameStore Compressor saves disk space. Color Font Converter creates Toaster CG Color Fonts, FXtoAnim converts Toaster effects back to animations. Requires A2000, 2500, 3000, 4000, IMb RAM, Amiga-DOS 1.3, 2.0, 3.0 and Video Toaster 2.0. 3.0 or Toaster 4000. $179.95
DevWare Video, 12520 Kirkham Court, Ste. 1-AC, Poway, CA 92064, (619) 679-2826

ToasterFX
The ToasterFX LOAD module allows Direct loading of framestore files into ImageFX as 24-bit images. View the entire image onscreen while painting or choose any zoom level for detail work. The ToasterFX save module saves any image loaded or created in ImageFX directly to NewTek's framestore format. Convert Video Toaster framestores directly to and from Amiga IFF24, JPEG, Targa, TIFF, GIF, Alias formats and more. The render module can directly display to the Video Toaster's framebuffers without leaving the ImageFX interface. ToasterFX completely integrates the operation of imageFX with the Video Toaster, allowing direct access from the Toaster's switcher screen. ToasterFX requires GVP's ImageFX for painting and image processing functions. NewTek's Video Toaster is required only for direct displaying of framestores to the Toaster's framebuffers.
Byrd's Eye Software, 9001 Northgate Blvd. #135, Austin, TX 78758, (512) 835-4811

◆❷ **United States - Lightwave Objects**
Accurate 3D Lightwave Objects of the United States and individual states. Each state is available separately extruded or flat. Individual states load into their proper position in the U.S. map. Each state has its own surface name, and extruded states have separate names for the side surfaces. Useful scene files are also provided. States can be manipulated independently. Requires A2000/3000 or 4000, Toaster and accelerator. $29.95
The Associated Image Group, Inc., 14900 Landmark Blvd., Suite 505, Dallas, TX 75240, (214) 788-0066

V-LAN™ Toaster Driver
The V-LAN Toaster Driver allows Newtek's Video Toaster 4000 to be automatically controlled from any V-LAN compatible controller, such as the SuperMICRON or OZ. All mixes and wipes are supported and can be selected directly from the controller. The V-LAN compatible machine controller connects directly to the serial port of the Amiga. Includes disk that contains ARexx file for Toaster directory. Driver also provides for frame-by-frame animation control performed from Amiga serial port via a V-LAN compatible animation controller.
Videomedia, Inc., 175 Lewis Road, San Jose, CA 95111, (800) YES-VLAN

Video Toaster
The Toaster is a broadcast-quality video computer which sits inside the Amiga. It has four VLSI custom chips and its own RAM. It does not use Amiga output, but rather produces its own output. The Toaster will be shipped with a character-generating program, with Toaster Paint (a 24-bit paint program) and Toaster 3D due later this year. The Toaster includes a seven-channel production switcher which will switch between seven stable (i.e., camera or time-base-corrected tape) sources and provide dissolves and wipes. The Toaster is also a broadcast-quality genlock, frame grabber and digitizer. The Toaster is also a DVE (Digital Video Effects) unit with real-time manipulation of live video. Over one hundred pre-programmed effects will come with the first release of the Toaster with more available later. The Toaster also includes dual frame buffers (which will also work with standard 24-bit IFF RGB files such as those produced by Sculpt and Silver). Output from the Toaster is straight, 24-bit, 16-million color, broadcast-quality NTSC. $1595.00
NewTek, 215 S.E. 8th St., Topeka, KS 66603, (913) 354-1146

Video Toaster 2.0
The new 2.0 system is over twice the size of the original shipping system and contains 50% more effects. Whole new modes include real-time warping, soft-edge transitions, and organic effects like clouds, pouring liquid, fire, tearing paper, and breaking glass. Features include a completely revised object modeler, faster rendering along with over 100 new features in LightWave, a sharper luminance key mode that eliminates the edging commonly associated with keys, improved output specifications, new fonts, more objects, and a new alpha channel mode that will enable the frame buffers to be used for 32-bit applications. The new ToasterCG features almost instant loading of text screens, more scrolling speeds, greater integration between ToasterPaint and ToasterCG, a special Workbench utility that allows the Toaster Genlock to be controlled while other software is running, and a long list of file compatibility. Upgrades $395. $2495.00
NewTek, 215 S.E. 8th St., Topeka, KS 66603, (913) 354-1146

Video Toaster 4000
The Video Toaster 4000 is the latest upgrade of the powerful Amiga video tool that created Personal Video Production on the Amiga. Video Toaster 4000 includes a switcher with four video inputs and three internal digital sources. The system features close to 300 video effects, from dissolves and wipes with user-adjustable durations, to complex digital effects and animated trasitions. Many effects feature drop shadows, glints, and smooth,full color animation. Toaster 4000 also includes an integrated loader, which allows users to load and display video frames, still stores, and animations. Both still graphics and animations can be displayed with variable transparency, adjustable drop shadows, and can be keyed over video sources. The system includes a new character generator featuring full support for PostScript fonts, including automatic kerning and text sizes up to 400 lines tall. The new Toaster CG can also load brushes from ToaterPaint, the Toaster 4000's 24-bit video paint system. New abilities of LightWave 3D include significantly enhanced rendering options, suto creation of lens flares, motion blur effects, and depth of field adjustability. Requires Amiga 4000. $2395.00
NewTek, 215 S.E. 8th St., Topeka, KS 66603, (913) 354-1146

◆ **Video Toaster Reference Manual**
Tutorial for new Video Toaster users. Uses online hypertext poin-and-click interface to help answer questions about hardware, LightWave, Modeler, Switcher, etc. Demo available. $34.95
Area 52, 107 River Park Dr., Liverpool, NY 13090-2841, (516) 473-5156

◆ **Video Toaster Screamer**
The Screamer is an external 3-D rendering engine for the Video Toaster. The Screamer's multiple high-speed RISC processors drive the Video Toaster's LightWave 3D animation program, providing extremely fast and cost-effective rendering. The Screamer features four parallel MIPS R4400-64-bit RISC processors running at a 150 MHz clock speed, internal and external memory cache and program memory which is expandable to 1 gigabyte. Requires Video Toaster Workstation. $9995.00
NewTek, 215 S.E. 8th St., Topeka, KS 66603, (913) 354-1146

Video Toaster Workstation
An entire television studio full of equipment, compacted into one easy-to-use tool. This self-contained system requires no host computer, but is compatible with many graphic file formats from a variety of personal computers. It comes ready to operate with video switcher, digital effects, 3-D animation, broadcast paint 35ns character generator, frame grabber, still store, and more. $3995.00
NewTek, 215 S.E. 8th St., Topeka, KS 66603, (913) 354-1146

Video Toaster Workstation/30
The Workstation/30 has all the functions of the standard Toaster Workstation but adds the additional power of Motorola's 68030 processor running at a blistering speed of 50 MHz. Enhanced specifically for the needs of 3-D animators and videographic artists, the Workstation/30 provides the horsepower to take on large 3-D rendering projects. It also has a 68882 math coprocessor running at 50 MHz to speed complex graphics calculations up to 20 times. $8995.00
NewTek, 215 S.E. 8th St., Topeka, KS 66603, (913) 354-1146

◆ **WaveLengths Volumes I and II**
In-depth tutorials following the construction of professional-quality 3-D animations using LIghtWave 3.0. Written and hosted by national Toaster columnists David Hopkins and James Hebert. From the makers of Taming the Wave.
Mach Universe, 3019 Pico Blvd., Santa Monica, CA 90405, (310) 315-1750

❖ *TOASTER FONTS* ❖

A*Video Professional Font System 1.0
Professional video and paint program fonts. Artist-designed, sculptured, specialty, and plain (serif and sans serif) Workbench-compatible bitmap fonts. Includes free toaster-format conversions. Over a dozen typefaces in 2-6 sizes each, from 30 to 130 pixels high. Video-legal, switchable palettes, upper/lower case and symbols. Also includes Master Kit for Eurofonts so add foreign language modules as you need them. 3MB or more recommended, 6MB or more for Toaster versions. $249.95
CLASSIC CONCEPTS Futureware, P.O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

AmiVideo Fonts 2.0
Large English language fonts for paint and video applications. Artist-designed collection of antialiased color and monochrome bitmap fonts from 30 to 130 pixels high. Includes video-legal switchable palettes, microkerning, upper/lower case and symbols; lots of sizes and typestyles. Amiga-workbench compatible. Toaster conversions included free. Extensive documentation, font utilities, and sample printouts. 1MB Chip/3MB Fast RAM recommended. $149.95
CLASSIC CONCEPTS Futureware, P.O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

Apogee 3D Fonts Collection
The Apogee collection is a set of 3-D fonts specifically designed for broadcast video and to take advantage of the advanced features of the Lightwave 2.0 modeler. The ten fonts are: Helvetica, Times, Courier, Chancery, Cooper, AvantGarde, Brush Script, Futura, Eurostyle, and Symbols. Each font contains all upper and lowercase letters plus eight symbols—a total of 700 objects! $60.00
Digital Arts, 20515 SW 114 Ct., Miami, FL 33189, (305) 378-8734

Bread & Butter Fonts
For use only with Toaster. Seventeen styles each in 26, 38, 50, and 66 scan line sizes. Anti-aliased, ready to use. No conversion, no half-pint fonts. $99.95
Shereff Systems, Inc., 8071 SW 184th Ave., Lower Level, Beaverton, OR 97007, (503) 591-5984

CALLIGRAPHY FONTS: Video
Gorgeous nordic, Old English, script, and decorative fonts for those special applications: titling, wedding videos, cable access. Seven typefaces, two to six sizes of each font. Two file formats: Toaster and Broadcast Titler. English characters only. Lots of RAM recommended. Excellent documentation and install utility included. $139.95
CLASSIC CONCEPTS Futureware, P.O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

Cinnamon Toast Fonts, Volumes 1 and 2
The first alternate multi-color fonts available for NewTek's Video Toaster. Cinnamon Toast Fonts are dimensional multi-color font styles created in 24-bit color values and converted to NewTek's ToasterCG 16-bit video font files. This first set is a four-disk package with six styles in two sizes each for a total of 12 fonts. The fonts were designed for headline or program titles and range from 44 to 64 scan lines in height. Styles are Ice, Hammered, Contrast, Scout, Engrave, and Jewell. $99.95
Shereff Systems, Inc., 8071 SW 184th Ave., Lower Level, Beaverton, OR 97007, (503) 591-5984

KARA FONTS-TOASTER FONTS 1
Anti-aliased 16 million color fonts for the Toaster CG. This font package will give Toaster users the professional broadcast quality 'look' to use for titling. There is a wide variety of 3-D looking texture treatments and type styles. This package, containing six disks, has four different fonts in two sizes each. Every font includes the full character set of CAPS, Lower Case, numerals, and special characters. Includes a Hard Drive installation program. TF1 contains four distinctive fonts in styles of shiny and metallic surfaces. Fonts included are Chrome, Gold, Goldextruded, and Inflated. $99.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (310) 578-9177

KARA FONTS-TOASTER FONTS 2
Anti-aliased 16 million color fonts for the Toaster CG. This font package will give Toaster users the professional broadcast quality 'look' to use for titling. There is a wide variety of 3-D looking texture treatments and type styles. This package, containing six disks, has four different fonts in two sizes each. Every font includes the full character set of CAPS, Lower Case, numerals, and special characters. Includes a Hard Drive installation program. TF2 consists of four textured fonts in four different type styles. Comes in textures of Marble, Granite, Wood, and Brass (brushed). $99.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (310) 578-9177

KARA FONTS-TOASTER FONTS 3
Shiny caps and small caps fonts with Outline, Drop, and Cast shadows designed specifically to address certain limitations of Toaster with ChromaFonts. Includes option to install compressed fonts with Hard Drive Installation program, and use them in compressed state, saving 40%-50% of their hard drive storage space. Styles: Chiseled Gothic serif in Gold and Metal, Roman face with shiny gold extrusion, and beveled Gothic Italic. Each comes in two sizes, includes full character set of caps, small caps, numerals, and special characters. Six-disk set. $99.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (310) 578-9177

KARA FONTS-TOASTER FONTS 4
Four shiny script and cursive fonts designed specifically to fulfill need for scripts and cursive styles. Includes option to install compressed fonts with Hard Drive Installation program, and use them in compressed state, saving 40%-50% of their hard drive storage space. Styles: Chiseled Roman script in Gold and Metal, casual Brushed script, and Calligraphic face. Each comes in two sizes, includes full character set of caps, lower case, numerals, and special characters. Five-disk set. $99.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (310) 578-9177

MONTAGE Fonts 1
MONTAGE Fonts 1 offers the professional Toaster user increased flexiablity and creativity. 10 additional scalable master typefaces for use with the program. Instantaneous click and drag scaling and streching on any number of charaters. All ultra high-level anti-aliased with small caps included. MONTAGE is the definitive solution for titling, image compstion and effects presentation on the Video Toaster. Requires Amiga w/ Video Toaster and MONTAGE installed. $199.95
InnoVision Technology, 1933 Davis Street, Suite 238, San Leandro, CA 94577, (510) 638-0800

Masterpiece 3D Fonts for LightWave
503-D fonts for LightWave. All include upper case and numbers. 48 also include lower case. Each letter a separate object. Over 3000 objects. $99.00
ARock Computer Software , P.O. Box 731, Springfield, MO 65801, (417) 866-8803

Masterpiece Toaster CG Fonts
All 110 fonts from the Masterpiece Professional Font Collection have been converted to the Toaster CG format, ready to load and use immediately. These fonts only work with the Video Toaster CG. $99.00
ARock Computer Software , P.O. Box 731, Springfield, MO 65801, (417) 866-8803

◆ **SIMKAT, Package:[T] Ethnic Fonts**
Simkat Ethnic fonts offer a large variety of Semitic and Non-Latin fonts in: ASSYRIAN (Syriac), ARABIC, PERSIAN (Farsi), AFGHANI, OTTOMAN (Turkish), and more, the library is expanding. These fonts are geared towards Amiga multimedia applications, they come in four different packages. Package(s): [T] for Video Toaster CG, [P] for Deluxe Paint, [R] for Rashumon WP, [V] for General Video applications. [S] for Scala, [O] for Opal Vision CG. Each package comes with an 80+ page user manual with keymaps layout and 47 key stickers. Custom font designs available. $100.00
L.C.P.S., Inc., P.O. Box 2015, Schiller Park, IL 60176, (708) 678-7183

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Video Hardware

❖ *VIDEO HARDWARE GENERAL* ❖

ACS Harlequin Workstation
Complete, 32-bit, Harlequin-based videographics workstation, including 2-D painting, 3-D modelling, animation and ray tracing, image processing/enhancement, and video digitizing. 16 million color graphics plus 8-bit linear keying. £10,000.
Amiga Centre Scotland, Harlequin House, Walkerburn, Peeblesshire, EH43 6A2 Scotland, (011) 4489-687-583

AirLink 3.0
The Amiga Infra Red (AIR) Universal Remote Controller. Control any IR remote control equipment via ARexx, mouse, menus, hotkeys, MIDI events, serial, or parallel ports. Hardware includes IR receiver, IR transmitter, and IR output jack, mouse cable, and super-bright IR LED external adapter. Make your own AIR windows (screen duplicates of IR remote controllers) from IFF brushes. Includes library of AIR window devices: LDs, CDs, VCRs, X-10, etc. Many ARexx and other multimedia examples. New 'InfraRexx' super I/O interface ARexx host software enhances your multimedia applications. AirLink is used in dedicated Amiga OEM systems worldwide. Requires ARexx. $80.00
Geodesic Designs, P. O. Box 956068, Duluth, GA 30136, (404) 822-0566

◆ BR-S822U
A new-generation high-performance PROFESSIONALS editing system featuring full-size/compact compatible loading mechanism and 'snap-in' TC and TBC capability. $6405.00
JVC Professional Products Co., 41 Slater Drive, Elmwood Park, NJ 07407, (201) 794-3900

Color Splitter
For use with Digi-View, this electronic color splitter allows users to capture color images from VCR, LaserDisk, CamCorder, or any still NTSC video source without using color filters. $150.00
MicroSearch, Inc., 9000 US-59 South, Ste 330, Houston, TX 77074, (713) 988-2819

Complete Color Solution
Image capture system for the Amiga. Consists of hardware and software: Vidi-Amiga, real time mono digitizers, Vidi-Chrome Amiga, and Vidi-RGB. NTSC/PAL. Requires 1MB. $379.95
Rombo Ltd., 2 Baird Rd, Kirkton Campus, Livingston EH54 7AZ, Scotland, 011-44-506-466-601

DQ-TACO Toaster Animation Controller
This single slot, board-level video animation controller is designed to work within the Amiga 2000/2500 series with the Newtek VideoToaster, as well as within the Amiga 3000 series with other graphics applications. The controller has a seamless interface to LightWave 3D and can be expanded to control multiple serial VTRs for editing and multimedia applications. Features include accurate recording; automated functionality; control of video, laser disc, and digital disk recorders; multiple software interfaces. NTSC or PAL available.
Diaquest, 1440 San Pablo Ave., Berkeley, CA 94702, (510) 526-7167

Hamlet PC-SCOPE
The Hamlet PC-SCOPE is a full specification board-level NTSC/PAL waveform and vectorscope with mono/stereo audio bar graph displays. The unit with external reference input provides full screen individual, combined, or split 1/2-size or 1/4-size screen displays, and may be displayed superimposed on the picture. The Hamlet PC-SCOPE may be used as a stand-alone unit with hardware and software control via the RS 232 port.
Hamlet Video International Limited, Oak House, Chartridge Lane, Chsham, Bucks HP5 2SG, England, 44 (0) 494 775850

Hamlet VIDEO SCOPE
The Hamlet VIDEO SCOPE is a three-channel composite, component, S-VHS combined waveform/vectorscope with new stereo/mono bar graph/polar audio monitoring displays plus front panel BNC tes probe (oscilloscope) input; auto-standards switching NTSC/PAL; 3H (ABC) parade, filter parade, ABC vector overlay, display picture mix, full-screen or split 1/2- or 1/4-size displays, built-in calibration; 1U rack enclosure with front panel control and/or RS232 remote control via PC, Amiga, or Mac software.
Hamlet Video International Limited, Oak House, Chartridge Lane, Chsham, Bucks HP5 2SG, England, 44 (0) 494 775850

LaserView Laser Disc Player
The LaserView Laser Disc Player consists of a Pioneer LD-V2000 Laser Disc Player, cabling and software driver that works with Scala Multimedia and Commodore's AmigaVision software. A cable connected to the Amiga's parallel port controls the player through the software Disc Player icon instead of a remote control. Programs that operate with the Pioneer 2200 and 4200 series Laser Players will also run with the LaserView Disc Player. AmigaDOS 3.0 compatible. $549.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
Please see display ad p.122.

MIDI-Mice
MIDI-Mice is a man-machine interface for the Amiga, for use in your interactive hypermedia productions and performances. By emulating all mouse and keyboard functions, MIDI-Mice software allows you to control virtually any video, music, or paint programs from your MIDI instruments. NTSC only. Requires Workbench 1.3 or later. $85.00
Tensor Productions, 819 Gwyne Avenue, Santa Barbara, CA 93111, (805) 683-2165

MS-P3400
Three-video plane mixer and keyer provides Harlequin and Amiga support in one multifunction genlock integrator including alpha channel operation. Inputs for Harlequin RGB, Amiga RGB, and external video which can be RGB, YUV, Y-C, or composite video. Has genlock/digital keyer for Amiga and linear component keyer for Harlequin. Outputs simultaneously RGB, YUV, Y-C, and composite video.
Amiga Centre Scotland, Harlequin House, Walkerburn, Peeblesshire, EH43 6A2 Scotland, (011) 4489-687-583

MediaPhile 2.0A Infrared Controller
Provides infrared control of video decks, camcorders, compact and laser disc players, DAT, and audio cassette decks, and monitors from computers. Two independent serial outputs are also provided for Sony 'S'-port and JVC 'swap'-port control. Learns infrared codes when combined with a MediaPhile edit controller. $200.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

MediaPhile 2.0MA Infrared Controller
This unit is a low cost means of providing infrared control from the game port. Has one output that can be configured for IR, Sony S-port, or JVC swap-port control. Does not support visible search control. $50.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

MediaPro Interactive Multimedia Controller
MediaPro, designed to stand alone or multitask with a host Amiga, provides a low-cost control system for interactive multimedia applications. MediaPro, with its own CPU, reads application software from a laser disc on bootup and accepts and interprets input from touch screens or keyboards. The board, with four serial ports and eight I/O ports, provides user controls for stereo audio amplifier, diagnostics, printer functions, proximity sensing, coupon dispensing, and other control functions. Minimum order is 50 pcs to cover cost of non-recurring engineering. $695.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
Please see display ad p.122.

Omni Chroma Keyer
Model 361 NTSC Omni Chroma Keyer, Model 322 PAL Omni Chroma Keyer. Versatile 3 Chroma Keyer Models. Standard mode: composite/5-video FG/BG with external RGB/YUV key source. Encoded mode: Chroma key from composite/5-video foreground. Component mode: YUV/RGB FG/BG with three levels linear key. Option 1: Remote control panel with key fade, hue, gain, and clip control; garbage mask generator; preview output with mask display. $3000 to $5500. $4700.00
Omicron Video, 21818 Lassen Street Unit H, Chatsworth, CA 91311, (818) 700-0742

◆ Opal Vision Video Processor
The Opal Vision Video Processor plugs directly into the main board. It is a real-time, 24-bit framegrabber, a professional quality genlock with chroma and luma keying and includes the Opal Vision Roaster Chip for unlimited transitions, color processing, and Digital Video Effects. It also includes controling software for all functions and a 24-bit, 35ns character generator. $995.00
Centaur Software, Inc., 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

OpalVision 2.0
A true 24-bit frame buffer and display device with 16.8 million colors available for every pixel and a maximum resolution of 768 x 480. An internal card, it operates automatically in NTSC or PAL mode in any Amiga with a video slot. Its powerful VLSI graphics coprocessor enables stencil modes, a host of transition effects and smooth, hardware-controlled priority switching and scrolling/panning effects. Includes connectors for all other optional OpalVision components. Included software: OpalPaint V 2.0, OpalAnimMATE V 2.0, Opal Presents!, Opal HotKey V 2.0, miscellaneous utility software.
Centaur Software, Inc., 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

◆ OpalVision Scan Rate Converter
The OpalVision Scan Rate Converter also plugs directly into the main board. It converts PAL and NTSC signal to 31KHz for non-interlaced, flicker-free display of Amiga and OpalVision graphics and live video. It operates with any multi-sync/multi-scan monitor. Aditionally, the Scan Rate Converter includes a full, infinite window, time base corrector which operates in RGB for excellent quality. $995.00
Centaur Software, Inc., 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

OpalVision Video Effects, Digitizing, and Titling Workstation
Add the OpalVision Video Processor board to add new worlds of video capabilities to the system. Grab frames from live video. Modify them in OpalPaint, add titles, color processing, and real-time chrominance effects, output to video tape, and use the 'Roaster Chip' for realtime Digital Video Effects to transform on incoming video signal in composite of S-VHS format.
Centaur Software, Inc., 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

◆ **OpalVision Video Suite**
The OpalVision Video Suite is a complete audio and video mixing, switching and transcoding device. It is a 19-inch, rack-mountable external unit with 9 video and 10 audio inputs. Video inputs and outputs are available simulatneously in RGB or Y/R-Y/B-Y, composite and S-Video. Its linear transparancy key provides transparancy control between 2 video sources on a pixel by pixel basis. The audio mixer is fully software sequenced with smooth fades and full 5-band stereo frequency equalization. $995.00
Centaur Software, Inc., 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

PC-VCR
A computer controllable SVHS/VHS VCR that permits frame accuate searching and operation for desktop multimedia applications. The PC-VCR can be operated by any RS-232 serial port with ASCII commands. A frame code is recorded on any tape without intruding on existing video or audio content. This code, in seconds and frames, permits computer control of the PC-VCR for editing, interactive presentations and video retrieval purposes. With computer control and frame accurate search, the PC-VCR can take both existing programs and new recordings and make them computer interactive. Cable not included; ordered separately. Sold only in the U.S. and Canada through NEC Multimedia dealers. Available in NTSC only. $2100.00 list plus $55.00 for cable. $2100.00
NEC Technologies, Inc., Professional Systems Division, 1255 Michael Drive, Wood Dale, IL 60191, (800) 562-5200

Phoenix Colour Digitizer
Combined color splitter/digitizer for digitizing from any color video source without filter wheels. Compatible with Digiview 4 software. PAL only. Hard drive plus 2MB recommended. $200.00
Phoenix Microtechnologies Pty. Ltd., 18 Hampton Road, Keswick, South Australia 5035, (011) 618-293-8752

Prism Pal Color Splitter
The Prism is specifically designed to work with Digi-View. It accepts a Y/C or Composite PAL video signal as input. The output is automatically switched between red, green, and blue by the Digi-View software. A second output is available as RGB & Composite sync for a color monitor, so that you can see what you are about to digitize. The front panel has saturation, contrast, brightness controls, and shows which color is being sent to the digitizer with three L.E.D.s. A manual switch lets you override the Digi-View software for special effects such as 3D images, or for use with other digitizers that do not have the Digi-Veiw Droid function. The Prism may also be used as a video to RGB converter for use with RBG monitors. This makes it possible to connect your CD32 to an RGB monitor. Aus $499.00.
W. van Heeckeren, 12 Burfitt Street, Leichhardt, N.S.W. 2040, Australia, (011) 612-560-2910

◆ **The Flying Mouse**
Two-button, matchbook-sized RF transmitter and receiver unit that plugs into mouse port for remote control of MediaPoint, Scala, or other presentation programs. Plug it into the joystick port as a GPI trigger and launch to Toaster sequences from 100 feet away. $269.95
Computer Video Solutions, Inc., 14-B S. 7th Street, Akon, PA 17501, (717) 859-2049

The Video Slot Box
The Video Slot Box is a mini-tower that expands the Amiga 2000 and 3000 (A4000 and Toaster 4000 still in testing at press time) to have four complete video slots and three PC AT slots. Stocked with a 230W power supply, the mini tower plugs into an adapter card in the Amiga's existing video slot. Multiple adapter cards will be available to allow the Video Slot Box to be used with more than one Amiga. Slots are soft-switched from one card to the other without danger of card failure. The system allows video users to more easily create a workstation equipped with all the video products they require.
Digital Creations, P.O. Box 97, Folsom, CA 95763-0097, (916) 344-4825
Please see display ad CIV.

VCR-ROM
Hardware and software package lets you use your VCR/camcorder to integrate full motion video and sound into your programs. Requires VCR with search capabilities. VCR output can be displayed on separate monitor or projection device, or any monitor which can be easily switched from RGB to Composite (such as Amiga 1084). With genlock, VCR output can be overlaid on computer output. Good for interactive training programs, information kiosks, more. $200 plus $5 S&H, plus $6 for Visa/Mastercard. $200.00
Edu-Vid Research, P.O. Box 149, Pembina, ND 58271, (204) 654-9234

Video Arts Teleprompting Systems
Complete hardware and software teleprompting packages. Hardware configurations include either camera-mount or independent telepod support systems with 12-inch monitor/prompter, monitor lensview, and monitor mount assembly. Software is AutoPrompt by DigiSoft. An optional remote hand-controller device is available to adjust speed, direction, and control start and stop with 25' or 50' cable. Price: $2300 to $2450.
Video Arts Systems & Technology, 2175 Highway 35, #8-R, Sea Girt, NJ 08750, (908) 974-1616

❖ *DIGITIZERS* ❖

DCTV
DCTV is a revolutionary new video display and digitizing system. Creates a full color composite display with all the color and resolution of television. Captures a video frame in 10 seconds from any color video camera. Displays and captures full color 24-bit hi-res images. DCTV Paint (included) is the most powerful paint package to ever grace the Amiga. Convert DCTV images to or from any IFF display format (including HAM and 24-bit). Works with all popular 3-D programs. Animate in full color composite video. For all Amigas (A1000 requires standard parallel gender changer). $299.00
Digital Creations, P.O. Box 97, Folsom, CA 95763-0097, (916) 344-4825
Please see display ad CIV.

◆ **Digital BroadCaster 16**
Based on full motion JPEG technology, the Digital BroadCaster 16 works in full-screen, realtime NTSC (30fps), PAL (25fps), and S-Video high-quality resolutions at a full 60fps (50fps PAL). This digital video compression board digitizes the video signal, from any standard NTSC, PAL, and S-Video format video device, and then compresses the digital frames tothe hard drive in realtime at user-selectable compression ratios from 10:1 to 100:1. Animation frames can be compressed and stored to the hard drive on a frame-by-frame basis in the digital domain and then played back, in realtime, directly to tape without the need of an expensive frame-by-frame recorder. Video clips and computer animations can be easily combined to produce a final production. Other features include rotoscoping, time-lapse video, and stop-motion video. Comes bundled with DMI '601' editing software. $2495.00
Digital Micronics, Inc., 2075 Corte del Nogal, Ste N, Carlsbad, CA 92009, (619) 931-8554

◆ **Digital BroadCaster 32**
Based on full motion JPEG technology, the Digital BroadCaster 32 works in full-screen, realtime NTSC (30fps), PAL (25fps), and S-Video, and component video broadcast quality resolutions at a full 60fps (50fps PAL). This digital video compression board digitizes the video signal, from any standard NTSC, PAL, S-Video, or component format video device, and then compresses the digital frames tothe hard drive in realtime at user-selectable compression ratios from 4:1 to 100:1. The final edited production is then transferred to tape or broadcast directly from the hard drive. Animation frames can be compressed and stored tothe hard drive on a frame-by-frame basis in the digital domain and then played back, in realtime, directly to tape without the need of an expensive frame-by-frame recorder. Video clips and computer animations can be easily combined to produce a final production. Other features include rotoscoping, time-lapse video, and stop-motion video. Comes bundled with DMI '601' software. $3349.00
Digital Micronics, Inc., 2075 Corte del Nogal, Ste N, Carlsbad, CA 92009, (619) 931-8554

❷ **VLab**
VLab is a real-time video digitizer with YUV technology. It is actually a Zorro II card. Digitizing from live video is possible. Time base correction is embedded. NTSC/PAL. German and English versions available. Supports local library. Requires A2000/3000, 1MB RAM, AmigaDOS 2.0. $370.00
MacroSystem Computer, Friedrich-Ebert Str. 85, 5810 Witten, Germany, 011-492-3028-9177

❖ *DIGITIZERS/ACCESSORIES* ❖

AutoLink
An electronic module allows fully automatic color digitizing when used with the Color Splitter, Digi-View, and any composite color video source. It plugs into the back of the Color Splitter and into the second port of the Amiga. All you have to do to get color IFF images is select 'digitize auto' in your Digi-View software. It's easier and a lot faster than manual operation. $49.95
MicroSearch, Inc., 9000 US-59 South, Ste 330, Houston, TX 77074, (713) 988-2819

Digi-Droid
Motorized filter wheel automatically advances the color filter wheel for Digi-View. Speeds up digitizing and minimizes chances for mistakes. Hands-free digitizing. $79.95
NewTek, 215 S.E. 8th St., Topeka, KS 66603, (913) 354-1146

Vidi-RGB
Electronic color splitter hardware used to separate red, green, and blue electronically. Eliminates need for filters. When added to Vidi-Amiga, images are captured much more quickly. NTSC/PAL. $149.95
Rombo Ltd., 2 Baird Rd, Kirkton Campus, Livingston EH54 7AZ, Scotland, 011-44-506-466-601

❖ *DIGITIZERS/FRAME GRABBERS* ❖

Digital EditMaster
A digital non-linear editing sytem for the Amiga which allows users to record from their video camera or VCR directly to the hard disk drive. The video compression board digitizes. compresses and stores video segments onto the hard drive in real time. The video segments can then be edited, modified and played back to tape. Animation

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◆ New Product Listing
❷ AmigaDOS release 2 Compatible *(Vendor Verified)*

frames can be compressed and stored to the hard drive on a frame by frame basis and then played back in real time, directly to tape without the need of an expensive frame-by-frame recorder. Video clips and computer animations can be combined very easily to produce a final production. The Digital EditMaster system works in full screen, real time NTSC (30fps) or SVHS broadcast quality 720x486 resolution. Full motion video compression and decompression ratios are user selectable, the ratios vary from between 3:1 to 100:1. DMI's new system is a video production and editing suite for use by video production houses, professional videographers, corporations and video enthusiasts. $2495.00
Digital Micronics, Inc., 2075 Corte del Nogal, Ste N, Carlsbad, CA 92009, (619) 931-8554

Video Digitizer
Real-time frame grabber in 1/60 second, 320 x 256 display with 16 gray levels. Updates screen at 1 frame/sec. Save screen as IFF format. Edit pictures with cut, paste, copy, reverse, negative & more. $139.95
Rio Computers, 3310 Berwyck St., Las Vegas, NV 89121, (800) 782-9110

Vidi Amiga 12
Low cost color digitizer. No separate filters or RGB splitter. Color images can be captured in less than a second and mono grabbed in real time. Load and save IFF, ILBM, and ANIM. Display 320 x 200, up to 640 x 400. Also supports several screen modes. NTSC/PAL. £99.95.
Rombo Ltd., 2 Baird Rd, Kirkton Campus, Livingston EH54 7AZ, Scotland, 011-44-506-466-601

❖ DIGITIZERS/SCANNERS ❖

Digi-View MediaStation
Combines Digi-View Gold digitizer with Digi-Paint 3 and Elan Performer 2.0 software to allow users to digitize, paint, and present high quality images. Dynamic visual presentations can now be presented with breakthrough ease of use. $249.95
NewTek, 215 S.E. 8th St., Topeka, KS 66603, (913) 354-1146

◆ **HP ScanJet IIc Scanner Driver**
This WYSIWYG scanner controller is part of the Art Department Professional family. It allows an HP ScanJet IIc color scanner to be interfaced to your Amiga using ADPro or with a stand-alone scan-to-disk version. Requires HP ScanJet IIc and Commodore compatible SCSI controller with external port. Art Department Professional is optional. $200.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

JS-105-1M
400 DPI handscanner with 64 Grayscale and Migraph touch-up software. $229.00
GoldenIMAGE Technology Corp., 2657 Saturn St., BREA, CA 92621, (800) 327-4482

❖ DIGITIZERS/SCANNERS /ACCESSORIES ❖

● **Express Image**
Turn-key Amiga based system for the instant T-shirt and mug business. Uses GVP's IV-24, ADPRO and custom front-end software to grab, manipulate and print T-shirt transfers on color postscript printers. Add text and borders; key image over fantasy backgrounds, etc. Output quality is the result of months of fine tuning using both still and live subject matter. Requires A2000 or greater w/68030 or faster, 9MB RAM and 2.0 or greater. $2995.00
Computer Video Solutions, Inc., 14-B S. 7th Street, Akon, PA 17501, (717) 859-2049

Professional Scan Lab II
A WYSIWYG driver for Sharp's JX 320, 450, 600 and 610 color scanners. Includes ADPro and stand-alone version. Supports transparency unit on 450 and above. Includes hardware interface which requires a Zorro II slot; Art Department Professional is optional. $499.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

❖ EDITING HARDWARE ❖

AG-7650
Designed as a source machine for a high-quality S-VHS editing or dubbing system, the AG-7650 provides outstanding playback quality because of its built-in digital TBC that virtually eliminates jitter, skew, head impact error, and color blurring. The source player features special amorphous video heads, a logical comb filter, 32 times normal speed search, four channel audio (two stereo audio channels with a dynamic range of 90 DB, as well as two linear audio channels with Dolby NR), and an IQ mechanism for precise, high-speed operation. Features include a Field Freeze function, Jog/Shuttle Dial, an optional Plug-in Time Code/Generator Reader, and a RS-422A serial interface to allow connection to MII and other serial control systems. $4500.00
Panasonic Communications & Systems Company , Two Panasonic Way, Secaucus, NJ 07094

AG-7750
The AG-7750 S-VHS Hi-fi editing VCR has a built-in digital time base corrector and RS-422A serial interface. A built-in digital TBC minimizes degradation, such as jitter, skew, head impact error, and color blurring. Genlock capability enables synchronization with an external reference signal. In addition, a field-coefficient Dynamic Noise Reduction system, for separate processing of Y and C signals, helps ensure an exceptional signal to noise ratio. The unit's capstan servo control mechanism provides full-loading stop and high-speed search at 32 times normal speed with viewable picture, for time-saving and added convenience during editing. $6500.00
Panasonic Communications & Systems Company , Two Panasonic Way, Secaucus, NJ 07094

BCD-2000A
The BCD 2000A is a frame-accurate controller which permits Amigas to operate industrial and broadcast video tape and disc machines for single-frame recording. Fits in a single Amiga or IBM slot and communicates with the Amiga via the computer's internal serial connector. (If using with A3000/A4000 or IBM, specify with order for an external serial port connector cable.) Frame-accurate editing is achieved with the use of SMPTE time code. PAL (EBU) time code is jumper-selectable for worldwide compatibility. Requires A2000/2500/3000, A4000 one slot. Optional display available. $995.00
BCD Associates , 128 N.W. 67th Street, Oklahoma City, OK 73116, (405) 843-4574

BCD-5000
The BCD-5000 is a frame-accurate controller which permits a computer to operate industrial and broadcast video tape and disc machines for single-frame recording. Frame-accurate editing is achieved with the use of SMPTE time code. EBU time code is a factory option for worldwide compatibility. Requires RS-232 Serial Port. RS-422 optional. $2995-Single machine control. $3995-Dual machine control.
BCD Associates , 128 N.W. 67th Street, Oklahoma City, OK 73116, (405) 843-4574

● **DD524 Digital Interface Card**
Adds an AES/EBU or an S/PDIF digital input/output interface to your Amiga. Allows you to connect digitally to a Digital Audio Tape (DAT) player or CD player. Great for making CD masters. Transfer directly to DAT for sending to a CD mastering house. DD254 also allows you to back up your hard drive to a DAT recorder. A DAT tape can hold over a gigabyte of data, and has transfer rate of about 10MB/min. DD254 supports 16 and 24 bit samples; 44.1K and 48K rates. AmigaDOS 2.0 compatible. Compatibility: A2000, A2500, A3000, A4000. NTSC/PAL.
SunRize Industries, 2959 S. Winchester Blvd. Ste. 204, Campbell, CA 95008, (408) 374-4962

◆ **Digital BroadCaster 16**
Based on full motion JPEG technology, the Digital BroadCaster 16 works in full-screen, realtime NTSC (30fps), PAL (25fps), and S-Video high-quality resolutions at a full 60fps (50fps PAL). This digital video compression board digitizes the video signal, from any standard NTSC, PAL, and S-Video format video device, and then compresses the digital frames to the hard drive in realtime at user-selectable compression ratios from 10:1 to 100:1. Animation frames can be compressed and stored to the hard drive on a frame-by-frame basis in the digital domain and then played back, in realtime, directly to tape without the need of an expensive frame-by-frame recorder. Video clips and computer animations can be easily combined to produce a final production. Other features include rotoscoping, time-lapse video, and stop-motion video. Comes bundled with DMI '601' editing software. $2495.00
Digital Micronics, Inc., 2075 Corte del Nogal, Ste N, Carlsbad, CA 92009, (619) 931-8554

◆ **Digital BroadCaster 32**
Based on full motion JPEG technology, the Digital BroadCaster 32 works in full-screen, realtime NTSC (30fps), PAL (25fps), and S-Video, and component video broadcast quality resolutions at a full 60fps (50fps PAL). This digital video compression board digitizes the video signal, from any standard NTSC, PAL, S-Video, or component format video device, and then compresses the digital frames to the hard drive in realtime at user-selectable compression ratios from 4:1 to 100:1. The final edited production is then transferred to tape or broadcast directly from the hard drive. Animation frames can be compressed and stored to the hard drive on a frame-by-frame basis in the digital domain and then played back, in realtime, directly to tape without the need of an expensive frame-by-frame recorder. Video clips and computer animations can be easily combined to produce a final production. Other features include rotoscoping, time-lapse video, and stop-motion video. Comes bundled with DMI '601' software. $3349.00
Digital Micronics, Inc., 2075 Corte del Nogal, Ste N, Carlsbad, CA 92009, (619) 931-8554

◆ **Echo EE100**
The Echo EE100 Video Editing Cable kit consists of an intelligent cable that connects to the Amiga serial port and has two cable outputs: One for infrared (send/receive) and one for bi-directional control of any video/audio equipment that features the LANC (also known as Control-L) mini-jack connector. The EE100 also comes with two EX modules and the infrared trainer software. With the EE100 and Scala MultiMedia MM300 and the InfoChannel IC500, it is possible to do one-pass, cuts only editing with inexpensive consumer and prosumer equipment. The trainer software allows you to teach MM300 or IC500 your peripheral's remote control commands. Scala can then control that peripheral for use in editing or presentation. The EE100 cable has been optimized to give you maximum performance, using minimum computer resources. Requires: Amiga with Scala MultiMedia MM300 or InfoChannel IC500. $199.00
Scala, Inc., 12110 Sunset Hills Dr.., Ste 100, Reston, VA 22090, (703) 709-8043

MICRON™
Micron is the revolutionary low-cost frame accurate video editing system. Micron packs state-of-the-art production tools into one console—a user-friendly dedicated keyboard with its own embedded master computer. The keyboard includes JOG, SHUTTLE, and CRUISE control of source and/or record transports. Two V-LAN compatible receiv-

ers are built into the Micron, allowing you to connect to two different video transports. The receivers are functionally user-programmable and provide software downloadable drivers for all popular industrial and broadcast-quality transports (serial and/or parallel). Different types of VTRs can be mixed and even re-assigned under software control. It offers 250-event nonvolatile memory, printer port, sync rolls, split edits, GPI interface, and upgradability to A/B Roll. $3500.00
Videomedia, Inc., 175 Lewis Road, San Jose, CA 95111, (800) YES-VLAN

MediaPhile 2.0P Universal Tape Deck Controller
Plugs into two MediaPhile edit control ports to bring tape position information into computers. MediaPhile ports are easy to install in just about any video deck. Infrared and serial control also provided from unit for wide variety of video and audio devices. Two time code inputs give near frame accurate editing, and a GPI remote switch output controls switchers for A/B-roll dissolves. $200.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

MediaPhile 2.0S Serial Controller
Provides tape position input from two Sony or Canon camcorders/videodecks with LANCS or CTL-L 'remote' control ports. Has three serial outputs for Sony S-port and JVC swap-port control, one IR/GPI remote switch output, two linear time code inputs. Plugs into Amiga serial port. $250.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

MediaPhile 2.0SA Serial Controller
Plugs into a Sony, Canon, or Ricoh LANCS or CTL-L remote edit control port to read tape position information from camcorders and video decks. Provides infrared and serial control over a wide variety of video and audio devices. SMPTE/EBU time code input is included for near frame accurate editing. GPI remote switch output. $200.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

◆ **MediaPhile Multimedia Controller**
Controls up to six consumer, prosumer, or industrial video decks. Four serial ports independently configured for RS-422/232 and LANXS control. two MediaPhile ports read tape position from modified decks. Choose control protocols by simply plugging ito the desired port. Six linear time code inputs, infrared control, GPI switch output, MIDI control ports. Plugs into the Amiga serial and parallel ports. Includes power supply. This unit is ideal for interformat editing. $1125.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

◆ **MovieMaker**
MovieMaker-big picture, big sound - a non-linear hard disk animation & editing system including 16 bit audio sample/edit/playback card with audio editing software. Amiga 3000/4000 compatible. Requires a2000/3000/4000, 25MHz 68030 with 4 Megs FAST RAM, 2 Megs Chip RAM, 2.0 OS or higher. $895.00
Interactive Video Systems, 14804 Beach Blvd., LaMirada, CA 90638, (714) 228-2040

PACE™ Professional Animation Control Engine
PACE is the complete V-LAN compatible, frame accurate animation controller in one stackable package for your desktop. Packed in a single 19-inch wide unit. The PACE system contains a V-LAN compatible transmitter and receiver for animation control. The V-LAN transmitter connects to the serial port and the V-LAN receiver connects to the remote connector of your videotape recorder or laser disc player. The PACE back panel has parallel and serial connectors to mate with any type of transport. If your transport does not already have a SMPTE/EBU time code reader/generator, the optional VLX-SM reader/generator is available. $2995.00
Videomedia, Inc., 175 Lewis Road, San Jose, CA 95111, (800) YES-VLAN

RouteMeister RM4X4VC
Amiga controlled routing switcher. Software includes Workbench, CLI, and AREXX interfaces. The RM4X4VC is a 4 input, 4 output video and stereo audio switcher with audio-follow-video and audio breakaway. Software also supports Commodore's A2232 multiserial card. Other routing switcher configurations available by Spring '94. Requires any Amiga W/512k RAM & serial port. $499.00
Computer Video Solutions, Inc., 14-B S. 7th Street, Akon, PA 17501, (717) 859-2049

Scala RS-422 Video Controller
The RS-422 Video Controller kit consists of a Zorro II card an EX module for controlling up to four RS-422 VCR's simultaneously per card. Each card also has two GPI triggers built-in. Up to two cards can be used in the same machine. The InfoChannel RS-422 solution facilitates integration of high-end video systems at a very competitive price. The InfoChannel RS-422 Video Controller uses the standard Sony RS-422 protocol. Other EX modules will become available to control other RS-422 peripherals like switchers, mixers and DAT players. Control features available with the included EX: Play, Play To, Go To, Sync, Rewind, Pause, Stop, Wait and Deck Selection. All timing is through frame accurate SMPTE time code. With the combined InfoChannel features and the RS-422 Controller, Scala will find many uses in high-end applications. The product shows Scala's commitment to becoming the leading supplier of computerized cable television headend solutions. Requires: A2000/3000/4000 and InfoChannel IC500.
Scala, Inc., 12110 Sunset Hills Dr.,, Ste 100, Reston, VA 22090, (703) 709-8043

Studio 16 w/AD1012
A 12-bit sampler card includes Studio 16 software, audio in/out, microprocessor, adjustable low pass filters, SMPTE time code reader. Sampling rates of up to 44.1 kHz, signal-to -noise ratio of a professional VTR. Perfect for editing video sound tracks. Software allows recording direct to hard disk synchronized with time code, and special effects. Compatibility: A1500, A2000, A2500, A3000, A4000. NTSC/PAL. $595.00
SunRize Industries, 2959 S. Winchester Blvd. Ste. 204, Campbell, CA 95008, (408) 374-4962

SuperMICRON™
SuperMicron is the feature-packed A/B Roll upgrade of the Micron, which adds the capabilities of serial switcher control and variable speed control. SuperMicron will be set up with an Amiga computer and the Toaster. The system demonstrates the new V-LAN switcher interface for the Toaster and SuperMicron's control of the Toaster. This system is a perfect animation plus editing system for Toaster users. $7500.00
Videomedia, Inc., 175 Lewis Road, San Jose, CA 95111, (800) YES-VLAN

◆ **The Deli**
The Deli is a video editing tool that allows Video Toaster users to create complex scripts and edits for the Video Toaster to perform. The Deli can copy, move, clone, rename, delete framestores, convert buffered CG pages, search for duplicate names, compare directories, convert IFF fonts to Toaster fonts, produce easy image captures, group framestores, provide framestore sequencing, provide timed and manual advance of events, and much more. $225.00
Personal Video Wizards, 7836 Second Avenue South, Bloomington, MN 55420, (612) 881-3340

◆ **The Personal Editor**
The Personal Editor allows the user to perform edit list logging of multiple source reels and delivers a comprehensive set of segment manipulation tools in order to create a final master EDL. Once the list has been completed, the Personal Editor will control the VTRs, prompt you to insert tapes as needed, and produce your finished video. Toaster users can specify DVE transition, FrameStore Stims and CG pages in the list. Split audio editing supported. $645.00
Nucleus Electronics, Inc., 10 Cross Ave., P.O. Box 1025, Nobleton, Ontario, Canada L0G 1N0, (416) 859-5218

The Personal SFC 2.5
The Personal SFC is a low-cost hardware and software solution that bridges the gap between single-rendered images and a completed video animation. It is fully compatible with NewTek's Video Toaster, Impulse's FireCracker 24, Digital Creations' DCTV, GVP's ImpactVision 24, ACS Harlequin, Amiga genlock, Black Belt Systems' HAM-E, and others. Supports IFF24, JPEG, RGB, FrameStore, and stock Amiga file formats. time Lapse to Stop Motion recording. 1/4 screen B&W preview mode. $445.00
Nucleus Electronics, Inc., 10 Cross Ave., P.O. Box 1025, Nobleton, Ontario, Canada L0G 1N0, (416) 859-5218

VuPort™ (Computer/VCR Interface)
VuPort is a computer accessory which controls one or two Panasonic AG-1960 and AG-1970 and Control L (LANC) controlled camcorder VCRs from Commodore/Amiga computers via the RS-232 serial port. It connects to the VCR through the 5-pin edit jack. Additional VuPorts can be daisy-chained on a single computer port. VuPort synchronizes multiple-deck operations and controls all VCR functions, including jog shuttle, insert and assembly edit and audio insert. Cue to frame, play frame, play segment, and other tape control functions are available. VCR status and tape location—in hours, minutes, seconds, and frames—are reported to the computer. VuPort runs under any application software that includes the VuPort driver. It is supported by RGB's AmiLink CI videotape editing software and Gold Disk's ShowMaker and VideoDirector software. It ships with control software, manuals and cables. NTSC/PAL. Pricing: From $550.00.
Selectra Corp, P.O. Box 5497, Walnut Creek, CA 94596, (510) 283-1670

❖ *VIDEO ENHANCEMENT* ❖

◆ **Amiga/CDTV Consulting**
Offering training and software development services for the Amiga, CDTV and CD-I platforms. Typical applications include training systems, information kiosks, automated test equipment, shop floor data collection and multimedia presentations.
M.D. Associates, 290 Via Colinas, Westlake Village, CA 91362, (805) 373-0356

DEB™ 2000
MicroWay's DEB 2000, Denise Extender Board for the Amiga 2000 and 2500, transfers the video signals required by the flickerFixer from the Denise socket on the Amiga motherboard to the DEB connector board. DEB 2000 allows MIcroWay's award-winning flickerFixer to be operated without utilizing the video slot. As a result, the video slot is left free for other devices such as internal genlocks and frame buffers. Compatible with NewTek's Video Toaster, Digital Creation's SuperGen 2000, and most other video slot peripherals. $99.00
MicroWay, P. O. Box 79, Kingston, MA 02364, (508) 746-7341

❷ **Flicker Free Video 2**
Has more standard features and is more flexible than any other display enhancer for Amiga computers. With standard VGA or multi-sync monitor, will eliminate annoying flicker from interlaced display modes and visible scan lines from non-interlaced modes. FFV2 automatically switches between NTSC and PAL. New ESC modes are supported, with automatic bypass for Productivity mode and optional manual bypass switch

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for SuperHiRes mode. True scan line doubling eliminates motion artifacting. Unique FFV Preferences program allows adjusting screen refresh rate and overscan. Works in any Amiga, and doesn't use the video slot in the A2000. $299.96
ICD Incorporated , 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

IV24 V2.0
A multifunctional color enhancement board which will allow video professionals to create broadcast quality video pictures, images and animations. The enhanced 24-bit color resolution offers 16 million colors, and also features a built-in digital keyer and flicker fixer. Also built in are frame buffer, and genlocks for both RGB and analog and composite video signals. Unit is designed for use with A300 and A4000, but will also work with the A2000 with optional adapter kit. Included with the board are 3-D rendering software, 2-D 16 million color GVP paint package, powerful image processing and switching programs. IV24 V2.0 - S: $1749.00. IV24 V2.0 - CT: $2399.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

MasterControl
MasterControl provides all the capability of VidControl, but will accept six discrete inputs from the gameport, as opposed to the one input used by VidControl. MasterControl provides a totally asynchronous capability to interface up to six outside discretes to Amiga software. $75.00
Integral Systems, P.O. Box 31626, Dayton, OH 45431, (513) 237-8290

MegAChip 2000/500
The MegAChiip 2000/500 graphics memory board is now sold complete, ready to Plug-n-Play. The MegAChiip installs in the Agnus socket of the A2000, A500, and CDTV. All memory is autoconfiguring with no special software required to enable operation. The MegAChip will increase the CHIP RAM on your machine to a maximum of 2MB. (Note: the A500 requires the installation of an A501 memory expansion card in order to provide 2MB of RAM.) Price listed is for the MegAChip 2000/500 including additional one Meg of CHIP RAM and correct Agnus. $249.95
DKB Software, 50240 West Pontiac Trail, Wixom, MI 48393, (313) 960-8750 support

◆ Piccolo
The Piccolo is a high-performance, low-cost display card for the Amiga200, 3000, 4000 series of computers. It increases both the size of the display (up to 1280 x 1024 pixels on an appropriate monitor), and the number of colors that can be displayed at once (up to 16.7 million colors on any analog RGB monitor). The Piccolo provides state-of-the-art features like a dual-speed bus and automatic switching between standard Amiga display and the enhanced Piccolo display on a single monitor. $699.95
DKB Software, 50240 West Pontiac Trail, Wixom, MI 48393, (313) 960-8750 support

◆ SampXfer_V2
A runtime applications module for Studio16 which transfers samples to and from such system exclusive samplers as Akai S700, S900, S950, Roland MKS-100, S-50, S-110, S22D and Prophet 2000, as well as sample dump standards samplers like Akai S1000, S1100, Roland S-550, S-770, Yamaha TX6W, and many others. The audio dump standard Smdi-SCSI is also supported. Requires studio16 from Sunrize. $149.00
Amidi Systems Inc., #4 6579 Throup Rd., Sooke, BC V0S1N0, Canada, (604) 642-5489

VidControl
A typical application for VidControl in a Video production studio would involve synchronization of DeluxePaint III animations with video source form another device, via a GPI controller. Vid Control supports user-definable response to input signal, permitting the user to define the keyboard message that is passed to the application. VidControl also supports variable time delays between the input event and the passing of the message to the application, permitting, for instance, a video pre-roll delay. More generally, VidControl provides a general purpose input mechanism to permit the synchronization of any Amiga software package with an event in the outside world, based upon a switch closure, from a mouse, a joystick, or any other device. $30.00
Integral Systems, P.O. Box 31626, Dayton, OH 45431, (513) 237-8290

Video Crisper
The Video Crisper will brighten and sharpen all of your colors so that your reds will be redder, your blues bluer, your greens greener all without having that washed out look that usually comes when adjusting your brightness and contrast controls without the Video Crisper. You will notice an incredible difference in your graphics programs, your workbench screen, entertainment programs, in everything you do! The unit plugs into the Amiga RGB port so no soldering is required. An enhanced version designed for use with external genlocks is also available for $149.00 and is also installed without cutting or soldering. $49.00
Memory Location, The, 396 Washington Street, Wellesley, MA 02181, (617) 237-6846

flickerFixer
Microway's flickerFixer is a professional graphics enhancer that uses de-interlacing and fits in the A2000 and A2500 video slot. Removes the flicker in the interlace mode and the visible scan lines in the non-interlace mode of the A2000 and A2500 display. Fully compatible and transparent to all user software. Supports standard multiscanning and VGA monitors. Compatible with 4096-color HAM mode. Does not modify the standard Amiga video signals which can be used simultaneously for RGB output or with an encoder for composite output. $295.00
MicroWay, P. O. Box 79, Kingston, MA 02364, (508) 746-7341

flickerFixer Genlock Compatibility Option
MicroWay's flickerFixer Genlock Compatibility Option allows simultaneous operation of the flickerFixer and most external NTSC genlocks. It is a small module that piggybacks onto the flickerFixer board. Compatible with SuperGen, AmiGen, and other popular genlocks. $25.00
MicroWay, P. O. Box 79, Kingston, MA 02364, (508) 746-7341

❖ *FRAME BUFFERS* ❖

ACS Harlequin 32 Bit FrameBuffer
The ACS Harlequin 32-bit framebuffer provides broadcast quality RGB output. All models offer a number of resolutions including: three resolutions (NTSC version)—740 x 486, 832 x 486, 910 x 486; PAL Version—740 x 576, 832 x 576, 910 x 576. Genlockable signal, full Overscan, Interlace, and Non-interlace displays supported. Four models are available providing options for double buffering, Alpha channel for linear keying plus digital key output. For Amiga 2000 or 3000. UK Sterling from £1095.
Amiga Centre Scotland, Harlequin House, Walkerburn, Peeblesshire, EH43 6A2 Scotland, (011) 4489-687-583

DCTV RGB Converter
The RGB converter takes composite video signal from DCTV and inserts it into the stream of RGB data. Any destination device such as a genlock monitor or encoder then has access to DCTV composite image contained in RBG stream. DCTV images can be put over incoming video when used with external genlock. Perfect for mixed mode slide shows or kiosks. NTSC/PAL. Requires DCTV; standard RGB monitor or external genlock. $199.00
Digital Creations, P.O. Box 97, Folsom, CA 95763-0097, (916) 344-4825
Please see display ad CIV.

FrameBuffer/Amiga
Allows display of Amiga graphics files up to 24-bit RGB/746 x 484 as composite video signal. Also captures video realtime/full color. Works with 3-D Professional, Art Department Pro, Calgary, Sculpt 4-D, Turbo Silver, and more. $695.00
Reliable Communications, Inc., 4868 Hwy. 4, P.O. Box 816, Angels Camp, CA 95222, (800) 222-0042

GDA-1 Hi-Res 256 Color Graphics Cards
The GDA-1 is a color frame buffer designed for ease of programming. Software switchable resolutions 640 x 480, 800 x 600, 1024 x 800, all non-interlace. 256 colors from a palette of 16 million. Includes software for displaying GIFs and Amiga screens. For A2000/3000/3000T/A4000. Zorro II compatible. $749.00
GfxBase, 1881 Ellwell Drive, Milpitas, CA 95035, (408) 262-1469

❖ *GENLOCK* ❖

A2300 Genlock
The A2300 internal genlock allows for Amiga video display to be combined with output from a VCR, video camera, or laser disk. Combined display may be viewed on an Amiga RGB monitor. Titles, captions, and multi-layered effects may be viewed on videotape. Suitable for semi-professional environments. NTSC. $169.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

ACS Harlequin Genlock
A genlock that has been designed specifically for use with the 32-bit Harlequin Framebuffer, providing full broadcast studio requirements for your Harlequin system. With a video mixer and Harlequin Genlock, you can now combine full-color images with your studio, or link up with any other source. Requires an Amiga 2000/3000 fitted with the Harlequin Framebuffer. NTSC/PAL. UK Sterling £175 for the basic unit.
Amiga Centre Scotland, Harlequin House, Walkerburn, Peeblesshire, EH43 6A2 Scotland, (011) 4489-687-583

ACS Harlequin Genlock with Composite
A genlock that has been designed specifically for use with the 32-bit Harlequin Framebuffer, providing full broadcast studio requirements for your Harlequin system. With a video mixer and Harlequin Genlock, you can now combine full-color images with your studio, or link up with any other source. Includes a monitoring encoder giving a BNC composite video output allowing a composite signal to be viewed on a monitor. Requires an Amiga 2000/3000 fitted with the Harlequin Framebuffer. NTSC/PAL. UK Sterling £620.
Amiga Centre Scotland, Harlequin House, Walkerburn, Peeblesshire, EH43 6A2 Scotland, (011) 4489-687-583

AmiGen Video Titling Kit
Complete solution for Amiga owner interested in exploring desktop video. Kit includes Amigen with enhanced video output, Credit Text Scroller titling software, and two video cables. $249.00
Reliable Communications, Inc., 4868 Hwy. 4, P.O. Box 816, Angels Camp, CA 95222, (800) 222-0042

ChromaKey+
Works with any external genlock to let you place your live video on top of the computer graphic. This is done by shooting the foreground video against a blue background (provided with Chromakey+) that is later electronically eliminated when combined with background computer signal. This technique is used every night on your local news weather forecast. VHS demo tape $5. $395.00

MicroSearch, Inc., 9000 US-59 South, Ste 330, Houston, TX 77074, (713) 988-2819

G-Lock
High-quality, versatile genlock is completely software controllable through its user-friendly control panel software, or through ARexx or the CLI. Can accept one Y/C or two composite inputs. Provides composite, Y/C, RGB, YUV outputs. Many adjustable parameters such as brightness, contrast, saturation, hue, sharpness, filtering, gain. Full audio support. Allows all of Amiga's custom chip genlock control features to be utilized. Can load and display IFF images. $499.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

Neriki Desk Top GL1189
Genlock offers broadcast-standard high quality video direct from any Amiga, high resolution, genlocks to any composite video source, supports all interlace modes, self-powered, more. Available as Y-C input/output model, standalone desk top convenience, can be used downstream.
Fordray Pty. Ltd., P.O. Box 1265, Orange, NSW, Australia, (011) 61-63-62-9901

Neriki Image Master GL1187C
Genlock for professionals and broadcasters; full 5.5 mHz meets braodcast standards. High quality video direct from any Amiga, high resolution, genlocks to any composite video source, supports all interlace modes, self-powered, more. Available as Y-C output model, fully rack mountable or standalone, can be used upstream or downstream.
Fordray Pty. Ltd., P.O. Box 1265, Orange, NSW, Australia, (011) 61-63-62-9901

OmniGen 703/704
This genlock system for the Amiga is available for both NTSC/PAL standards. Designed primarily for professionals and broadcast applications. Character generator, custom background generator, Genlocked Teleprompter, 23-pin D SUB in/out connectors with a cable designed for interfacing. Will lock to incoming video or black burst. Also has its own internal sync pulse generator. Adjustments include 360-degree chroma phase, full SC/H Phase control. Models 703 (NTSC) and 704 (PAL) feature composite in and out and S-VHS output for Amiga graphics. $1650.00
Omicron Video, 21818 Lassen Street Unit H, Chatsworth, CA 91311, (818) 700-0742

OmniGen 711A/712A
Same as the above models, but the 711A (NTSC) and 712A (PAL) have full S-VHS input and output (as well as composite). $2650.00
Omicron Video, 21818 Lassen Street Unit H, Chatsworth, CA 91311, (818) 700-0742

OmniGen 741/742
These models (741—NTSC and 742—PAL) have all the same features of the OmniGen line but are usable on all formats. The units can be used with any professional or non-professional system as they contain inputs and outputs for all formats: composite; S-VHS, Hi-8mm, Beta-ED, 3/4-inch, 1-inch, BetaCam, M2 and more. $3300.00
Omicron Video, 21818 Lassen Street Unit H, Chatsworth, CA 91311, (818) 700-0742

RG310CN RocGen Plus
This is the second generation genlock released by Roctec Electronics. It offers features such as independent manual dissolve control on RGB and video signals, separate RGB and video pass-thru, special key-in port for chroma key connection and automatic power sensing. Available in NTSC and PAL versions. $379.00
RocTec Electronics Inc., 170 Knowles Drive, Ste. 202, Los Gatos, CA 95030-1844, (408) 379-1713

SuperGen 2000S
A true Y/C (S-VHS, HI-8, ED-BETA) compatible genlock and overlay card for the A2000 series. The SuperGen 2000S installs into the video slot of an A2000 or A2500. A built-in processor amplifier allows software control of horizontal position, vertical position, video color saturation, and 360 degrees of chroma phase. NTSC. $1195.00
Digital Creations, P.O. Box 97, Folsom, CA 95763-0097, (916) 344-4825
Please see display ad CIV.

◆ **SuperGen SX**
Genlock and overlay device. Independent dissolve controls, switchable notch filter, accurate lock to VCR output. RGB decoder for true Amiga colors. The new version of the best selling, industry standard genlock on the Amiga. Composite Video input and S-Video input. Both composite and S-Video outputs. AGA compatible. NTSC/PAL. For all Amigas. $749.00
Digital Creations, P.O. Box 97, Folsom, CA 95763-0097, (916) 344-4825
Please see display ad CIV.

❖ *SWITCHERS* ❖

RouteMeister RM4X4VC
Amiga controlled routing switcher. Software includes Workbench, CLI, and AREXX interfaces. The RM4X4VC is a 4 input, 4 output video and stereo audio switcher with audio-follow-video and audio breakaway. Software also supports Commodore's A2232 multiserial card. Other routing switcher configurations available by Spring '94. Requires any Amiga W/512k RAM & serial port. $499.00
Computer Video Solutions, Inc., 14-B S. 7th Street, Akon, PA 17501, (717) 859-2049

❖ *TIME BASE CORRECTORS* ❖

IVT-7
The IVT-7 is a 4:2:2 digital processing Time Base Corrector with an infinite correction window. It uses state-of-the-art I.C.s to provide high perfomance processing at low cost. Its full-frame memory enables satellite feeds and domestic type VCRs and camcorders to be input on a single input connector without sync hook up. Features include frame and field freeze, 5.5MHz bandwidth on component, built-in RS-170A sync generator with genlock input and BB output, bypass/operate switch, and switchable auto-freeze for signal loss. $2995.00
I-DEN Videotronics Corporation, 9620 Chesapeake Drive, Ste. 204, San Diego, CA 92123, (800) 874-IDEN

Kitchen Sync
Allows you to completely synchronize two independent video sources for use with virtually any switcher or digital video effects system requiring synchronous video inputs. Has two complete time base correctors (TBCs) on one card that can plug into any IBM AT compatible slot on A2000/3000/4000. Composite or Y/C input. Y/C output optional. Perfect low-cost, front end for Video Toaster. NTSC. $1295.00
Digital Creations, P.O. Box 97, Folsom, CA 95763-0097, (916) 344-4825
Please see display ad CIV.

Kitchen Sync Genlock Option
Kitchen Sync Genlock Option is required to lock the Kitchen Sync to an external sync signal such as a black burst, camera, or house sync. NTSC. $150.00
Digital Creations, P.O. Box 97, Folsom, CA 95763-0097, (916) 344-4825
Please see display ad CIV.

Kitchen Sync S-VHS Option
Kitchen Sync S-VHS Option is required to enable the Y/C output from the Kitchen Sync. NTSC. $99.00
Digital Creations, P.O. Box 97, Folsom, CA 95763-0097, (916) 344-4825
Please see display ad CIV.

Spectrum 1000C
This is a low-priced stand-alone composite digital two-channel A/B Roll Frame Synchronizer + two infinite window Time Base Correctors. It also includes two independent sets of proc amp controls (hue, video gain, chroma saturation, black pedestal set-up). Mixing effects include freeze frame/field with adjustable-rate strobe, dissolve, cut, vertical wipe, and fade-to-black. For added flexibility, these effects can be bypassed. It features eight-bit processing, 4:2:2 sampling, digital comb filter (passes VITS, VIRS) and two RS-170A broadcast quality digital internal sync generators. Compatible with consumer as well as industrial-grade VCRs, cameras, camcorders, video mixers, controllers, etc. Permits displaying/transitioning between two VCRs or VCR/camcorder-camera, etc. $1850.00
Showline Video, div. of Visync Technologies Corp, 120 Beacon Street, Boston, MA 02116, (617) 262-6844

Spectrum 1000SC
This is a low-priced stand-alone S-VHS/composite digital two-channel A/B Roll Frame Synchronizer + Transcoder with two infinite window Time Base Correctors. It also includes two independent sets of proc amp controls (hue, video gain, chroma saturation, black pedestal set up). Mixing effects include freeze frame/field with adjustable-rate strobe, dissolve, cut, vertical wipe, and fade-to-black. For added flexibility these effects can be bypassed. Features 4:2:2 sampling, eight-bit processing, digital comb filter (passes VITS, VIRS), and two RS-170A broadcast quality digital internal sync generators. Compatible with consumer as well as industrial-grade VCRs, cameras, camcorders, video mixers, controllers, etc. Permits displaying/transitioning between two VCRs or VCR/camcorder-camera,etc. $2695.00
Showline Video, div. of Visync Technologies Corp, 120 Beacon Street, Boston, MA 02116, (617) 262-6844

Spectrum 500C
This is a low-priced single-channel infinite window composite digital Time Base Corrector + Frame Synchronizer. It features 8-bit processing, 4:2:2 sampling, digital comb filter (passes VITS, VIRS), and an RS-170A broadcast quality digital internal sync generator. Compatible with consumer as well as industrial-grade VCRs, cameras, camcorders, video mixers, controllers, etc. $850.00
Showline Video, div. of Visync Technologies Corp, 120 Beacon Street, Boston, MA 02116, (617) 262-6844

Spectrum 500SC
Single-channel infinite window S-VHS/composite digital Time Base Corrector + Frame Synchronizer + Transcoder. It also includes freeze frame/field with adjustable-rate strobe. It features eight-bit processing, 4:2:2 sampling, digital comb filter (passes VITS, VIRS), and an RS-170A broadcast quality digital internal sync generator. Compatible with consumer as well as industrial-grade VCRs, cameras, camcorders, video mixers, controllers, etc. $1295.00
Showline Video, div. of Visync Technologies Corp, 120 Beacon Street, Boston, MA 02116, (617) 262-6844

Spectrum 750SC
Single-channel infinite window S-VHS/composite digital Time Base Corrector + Frame Synchronizer + Transcoder. It also includes proc amp controls (hue, video gain, chroma saturation, black pedestal set-up). Mixing effects include freeze frame/field with adjustable-rate strobe, dissolve, cut, vertical processing, 4:2:2 sampling, digital comb filter (passes VITS, VIRS), and an RS-170A broadcast quality digital internal sync generator. It is compatible with consumer as well as industrial-grade VCRs, cameras, camcorders, video mixers, controllers, etc. $1895.00
Showline Video, div. of Visync Technologies Corp, 120 Beacon Street, Boston, MA 02116, (617) 262-6844

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Video Hardware

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Spectrum 850QC
This is a four-format single-channel infinite window digital Time Base Corrector + Frame Synchronizer + Transcoder that allows color full motion video from VCRs, camcorders, and laser disc players to interface with computers—for a variety of multimedia and video compression applications. The four formats included are RGB and three video standards—NTSC composite, S-VHS/Hi-8, and component Y/RY/B-Y. It also includes proc amp controls (hue, video gain, chroma saturation, black pedestal set-up). Mixing effects include freeze frame/field with adjustable-rate strobe, dissolve, cut, vertical wipe, and fade-to-black. For added flexibility, these effects can be bypassed. It features eight-bit processing, 4:2:2 sampling, digital comb filter (passes VITS, VIRS), and an RS-170A broadcast quality digital internal sync generator. It's compatible with consumer as well as industrial-grade VCRs, cameras, camcorders, video mixers, controllers, etc. $2000.00
Showline Video, div. of Visync Technologies Corp, 120 Beacon Street, Boston, MA 02116, (617) 262-6844

Spectrum 900C
A low-priced two-channel infinite window composite digital Time Base Corrector + Frame Synchronizer. It features 8-bit processing, 4:2:2 sampling, digital comb filter (passes VITS, VIRS), and two RS-170A broadcast quality digital internal sync generators. Compatible with consumer as well as industrial-grade VCRs, cameras, camcorders, video mixers, controllers, etc. Particularly popular with the Toaster since it permits interface and transitioning between two VCRs or camera/VCR, etc. $1450.00
Showline Video, div. of Visync Technologies Corp, 120 Beacon Street, Boston, MA 02116, (617) 262-6844

Amazing Computing

is your source for the most comprehensive coverage of Amiga video products. Watch *AC* for the latest news, information, and reviews on hot new Amiga video hardware and software.

TBCard
Designed as a plug-in card for the Amiga, the TBC may be used as an input source for such devices as Newtek's Video Toaster. The unit will be full frame, and will use component processing, producing a wide bandwith of 5.5 MHZ. This bandwidth will enable time base correction of high resolution VCR signals, such as Super VHS, Hi-8 and U-matic with maximum signal fidelity. The TBCard will be fitted with genlock. Suitable for mid- to low-end applications, the TBCard accepts Y/C and composite signals. K factor will be <2%, S/N 56dB and DG/DP-2%, 2deg. Proc amp control and system timing are available through external desktop control box adjustments on the front of the board. $995; $1130 for TBCard bundled with TR-7 Remote. $995.00
I-DEN Videotronics Corporation, 9620 Chesapeake Drive, Ste. 204, San Diego, CA 92123, (800) 874-IDEN

TBCard PLUS
Designed as plug-in cards for the Amiga, the TBC may be used as an input source for such devices as Newtek's Video Toaster. The unit will be full frame, and will use component processing, producing a wide bandwidth of 5.5 MHz. This wide bandwidth will enable time base correction of high resolution VCR signals, such as Super VHS, Hi-8 and U-matic with maximum signal fidelity. The TBCard PLUS will be fitted with genlock. The TBCard PLUS has a wider range of inputs and outputs than the TBCard, with 4:2:2 processing making the unit more suitable for mid- to high-end applications. Inputs include composite, Y/C, component (R-y, B-y, Y), RGB/Sync and DOC. Outputs include Y/C, composite, and component. Proc amp control and system timing will be accessible from an exterior box. All proc amp controls will have presets. An optional main frame with power supply will be available. Price TBA.
I-DEN Videotronics Corporation, 9620 Chesapeake Drive, Ste. 204, San Diego, CA 92123, (800) 874-IDEN

TR-7 Remote
For use with TBCard. Puts the controls in your hands, without exiting Video Toaster or other desktop video systems, adding more submenus, requiring a bridge board, or requiring additional memory. Includes full proc. amp making available control of video level, setup, chroma level, and hue; freese field or frame, and timing adjustments. $195.00
I-DEN Videotronics Corporation, 9620 Chesapeake Drive, Ste. 204, San Diego, CA 92123, (800) 874-IDEN

❖ *VIDEO PRESENTATION SYSTEMS* ❖

AdVISION™
Advanced 24-bit color quality Amiga based advertising channel or electronic billboard system. Includes full production station and complete remote player system, production software, training, and installation. Additional remote player systems may be added to create a network of systems playing similar or unique programs. Ideal for cable advertising channel, hotels, ports of call, malls, etc. $15500.00
Video Arts Systems & Technology, 2175 Highway 35, #8-R, Sea Girt, NJ 08750, (908) 974-1616

ChannelVision Cable TV Systems
Turn-key Amiga based Photo Ad channels, Pay-Per-View barker channels and community access channels and in-house information channels. Utilizes MediaPoint presentation software along with custom VTR/laserdisc/genlock control software for automated date and time specific video insertion. Requires A600HD/1200HD/A3000/A4000 w/2-3 MB RAM. $15000.00
Computer Video Solutions, Inc., 14-B S. 7th Street, Akon, PA 17501, (717) 859-2049

IR Remote Controller
The learning-type IR Remote Controller comes with software to enable any VCR, with INDEX or GOTO searching, to act as a CD-ROM, using any database. There are interfaces for AmigaVision, Deluxe Video, Microfiche Filer, and a general ARexx interface for any other program. Free source code for developers. It controls one or more IR devices. Uses: desktop presentations and full-motion video databases. Sample for AmigaVIsion provided. Money back guarantee. NTSC or PAL. Uses parallel port. $200.00
Edu-Vid Research, P.O. Box 149, Pembina, ND 58271, (204) 654-9234

Presenter 500
Enables television presenter or public speaker to maintain eye contact with audience and read their text undetected. Supports any Amiga character set in addition to fonts supplied, reads PC-compatible disks and word processing software, full text editing facilities, displays text in smooth scroll or page by page for several hours, HELP key; no manual required. Available as software only if required. NTSC/PAL. Available in numerous languages, foreign support/distribution available. For any Amiga with 1MB (A500+, 512K). $1850.00
Presenter Prompters, GPO Box 3072, Canberra City 2601, Australia, 011-616-290-1515

Video Toaster System
The Video Toaster System brings the awesome power to create network quality television to your desktop. Eight separate pieces of expensive video gear have been combined into one complete desktop production system. This all-in-one broadcast studio includes a four input production switcher which has two frame buffers and a color background generator; the power to manipulate live broadcast video in real-time, with digital effects such as flip, warp, whips, zoom trails, mirrors, trajectories, and many more; lightwave 3-D animation, which offers high-end capabilities previously found only in dedicated graphics workstations. Everything from flying logos and sports graphics to the most sophisticated effects seen on MTV. Other features include Toaster Character Generator which has 16.8 million colors, 30 standard anti-aliased fonts, 24-bit smooth color gradations, variable speed scroll and crawl, and much more; ToasterPaint allows you to create original artwork and network quality videographics; dual frame buffers allow Toaster effects to be done between live video and either buffer, as well as between the buffers themselves; ChromaFX is a powerful color processing engine capable of producing color negatives, monochrome, solarization, posterization, color vignettes, custom lighting, tinting, and photographic filter effects; Frame Grabber/Frame Store can grab and save a full resolution television frame and has sophisticated motion removal algorithms to provide a rock-solid freeze frame. The Toaster System is unique in that new effects and capabilities can be added with inexpensive software updates on disk. $3995.00
NewTek, 215 S.E. 8th St., Topeka, KS 66603, (913) 354-1146

VideoShare
Remarkable new system designed specifically for instructional use. Perfect for seminar and classroom applications, VideoShare allows a source computer's video signal to be re-broadcast to each monitor connected to the system. At the touch of a button, an instructor can truly captivate an audience. System requires no drivers or support program; transparent to all software and hardware. In no way interferes with normal computer operations. Supports all Amiga and VGA video modes; also supports most other analog RGB-type video signals. NTSC/PAL/SECAM as well as custom video systems/configurations. One-year warranty. $429.99
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

Accelerators

❖ ACCELERATORS GENERAL ❖

◆ **25 Mhz X-Calibur (A4000/040)**
Solve all your A4000/040 problems with this unit. Does not use any Zorro slots. Can handle up to 128 megabytes of RAM. Same RAM type as the A4000 except faster. You can use the A4000 RAM on this card until you need to upgrade. The rendering speed is double the A4000/040 25Mhz (testing done at Canada's Toaster distributor MDL Technologies). Your harddrive will see an increase of up to 25% (25% achieved on RCS's in-house test). Compatible with Video Toaster 3.0, Real 3D and many others. 6 month warranty backed by RCS's excellent support and service. Priced at $795 US for a 0 Meg unit.
RCS Management Inc., 120 McGill Street, Montreal, Quebec, Canada H2Y 2E5, (514) 871-4924

28Mhz Fusion-Forty
This popular unit has been improved for even greater performance. It is a proven performance unit with the Toaster crowd and was chosen by NewTek for use in their rendering systems. You get with the unit: automatic software installation through the ROMs (Plug & Go), a memory test routine for off the shelf SIMM RAM modules, the ability to use 3.0 without AGA, 68040 to 68000 switch, 32 megabytes ability, heat sink for cooling (Motorola recommended). The Plug & Go ROMs even speeds up your A2091. Excellent compatibility with 3D packages. Works with Video Toaster, Amax, Retina, and many controllers. 6 month warranty backed by RCS's excellent support and service. Priced at $695 US for a 0 Meg unit direct from RCS.
RCS Management Inc., 120 McGill Street, Montreal, Quebec, Canada H2Y 2E5, (514) 871-4924

35MHz Fusion-Forty
Built for maximum overdrive 68040 performance. Heat sink/fan for the optimum cooling of your unit plus your A2000 (Motorola recommended). no controller or serial/parallel port to slow down the unit. Memory access is more than 4.5 times faster than the A4000/040. Can handle up to 128 megabytes of off the shelf 70 or 60 nanosecond SIMM modules. Compatible with most SCSI controllers. Compatible with the Video Toaster, Real3D, Amax, Retina and many others. 6 month warranty backed by RCS's excellent support and service. Priced at $1250 US for a 0 meg unit.
RCS Management Inc., 120 McGill Street, Montreal, Quebec, Canada H2Y 2E5, (514) 871-4924

40/4 Magnum
Motorola 68040-based 40/4 Magnum is a 20 MIPS, 3.5 MFLOP accelerator/SBC (Single Board Computer) for all A2000 series personal computers. As accelerator, it has high speed and low price relative to RISC-based workstations. Three times faster than fastest 68030-based Amiga, it lets you use an Amiga to produce high-grade animations, ray-traced computer graphics and animations at nearly the speed of RISC-based workstations. As SBC, it provides much faster alternative to several performance bottlenecks: parallel, serial, and SCSI throughput. 28MHz-$1295.00. 33Mhz-$1895.00.
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

◆ **A1200 SCSI/RAM+**
The A1200 SCSI/RAM+ is a versatile board featuring 32-bit RAM expansion capabilities up to 8MB, a high speed SCSI interface and an FPU (68882 math coprocessor), which dramatically improves floating point operations. List price with 16Mhz FPU and 0 MB RAM: $369.00. List price with 33Mhz FPU and 4 MB RAM: $599.00.
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

◆ **A1230 Turbo/4MB**
The A1230 Turbo is a 40Mhz 030 accelerator that can be easily installed inside the expansion bay on the bottom of the A1200 computer. Two SIMM sockets allow for expansion of up to 32MB of 32-bit wide 60ns DRAM. The A1230 Turbo also includes an FPU, which dramatically increases the performance of floating-point intensive applications. Comes with 4MB factory installed. $749.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

A2000 G-Force 040
Latest member of GVP's multifunctional A2000 accelerator products. Makes all other 68040-based A2000 accelerators obsolete. Runs at 33-MHz. Provides separate 4KB data and instruction caches on single chip. Comes with 4MB of 32-bit wide, 60ns custom DRAM. Will be configurable in 4MB increments to 16MB (eventually to 64MB). Unique bidirectional parallel port can be switched for full Amiga or IBM configuration.
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

A2000-Combo030 40/40/4
An internal accelerator board for the A2000. This system includes built-in SCSI controller, 40MHz CPU, 68882 FPU, and 4MB of 60ns 32-bit wide RAM. It is user expandable to 16MB. An optional mounting kit allows a hard drive to be mounted directly onto the board. $899.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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◆ **A2630/4-68030 Processor Board**
A 25MHz 68030 microprocessor board which includes a 68882 math co-processor, memory management unit and 4MB of 32-bit memory. $1299.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

A500 GVP/PC286
This 286 PC emulator allows the A500 to run MS-DOS and its applications concurrently with AmigaDOS applications. The GVP/PC286 plugs directly into the internal mini-slot expansion connector of the GVP Series II A500HD8+ hard drive/RAM add-on subsystem. 512K of fast memory (DRAM) is included for exclusive use by MS-DOS applications. Amiga memory can be allocated and transparently mapped into the 80286 CPU memory space for MS-DOS applications using more than 512K. Other emulations include Hercules, CGA, EGA/VGA (monochrome only), and Toshiba 3100. Parallel port, serial port, sound, real time clock, CMOS RAM, and even extended memory are supported. MS-DOS not included. $425.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

❷ **AdSpeed**
Low cost, full featured 14.3MHz accelerator for all 68000-based Amiga computers. AdSpeed provides noticeable improvement by using an intelligent 16K static RAM instruction/data cache. Simple, no-solder installation, hardware and software selectable speed change at any time. $209.96
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

AdSpeed/IDE/40
Combining the accelerating power of AdSpeed and the high performance hard drive interface of AdIDE, AdSpeed/IDE gives you a compact, inexpensive package to address your expansion needs. The accelerator doubles your clock speed and provides 32K of high speed static RAM for data/instruction caching. You can switch speeds whenever you want! No other accelerator offers so much for such a low price. And the hard drive interface provides outstanding performance. AdSpeed/IDE/40 is for the Amiga 2000 and most standard IDE (AT) drives. Fits underneath CPU chip, using no slot. Includes 40-pin IDE cable and instructions. $359.96
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

AdSpeed/IDE/40 Kit
Combining the accelerating power of AdSpeed and the high performance hard drive interface of AdIDE, AdSpeed/IDE gives you a compact, inexpensive package to address your expansion needs. The accelerator doubles your clock speed and provides 32K of high speed static RAM for data/instruction caching. You can switch speeds whenever you want! No other accelerator offers so much for such a low price. And the hard drive interface provides outstanding performance. AdSpeed/IDE/40 Kit is for the Amiga 500 and allows you to replace the internal floppy drive of the computer with a Quantum hard drive (not included). All cabling and mounting hardware are provided, as well as a Shuffleboard to make your external floppy drive DF0:. $389.96
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

❷ **AdSpeed/IDE/44 Kit**
Combining the accelerating power of AdSpeed and the high performance hard drive interface of AdIDE, AdSpeed/IDE gives you a compact, inexpensive package to address your expansion needs. The accelerator doubles your clock speed and provides 32K of high speed static RAM for data/instruction caching. You can switch speeds whenever you want! No other accelerator offers so much for such a low price. And the hard drive interface provides outstanding performance. AdSpeed/IDE/44 Kit is for the Amiga 500 and includes special hardware for mounting a 2.5-inch hard drive (not included) inside the computer. $369.96
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

❷ **Derringer™**
New Amiga accelerator provides 25MHz A3000-level performance for same low price as most 68000-based Amiga accelerators. Built around fast, 25MHz Motorola 68030 central processor, upgrade options allow adding of 1,2,4, or 8 more MB DRAM, together with 50MHz 68881 or 68882 math co-processor. Additional 16 and 32MB DRAM upgrades possible in future. Derringer also allows for hardware remapping of Kickstart 1.3/2.04 into 32-bit DRAM, leaving MMU free for other pro

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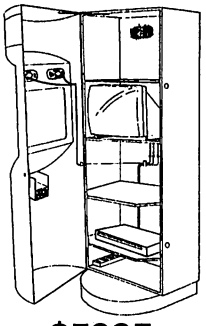

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grams. Software is provided through optimized performance of Derringer by allowing critical operating system libraries to be moved directly into 32-bit RAM. Compatible with any A500 or A2000, Derringer is plug-and-play product. Like Mega-Midget Racer, it replaces 68000 CPU inside Amiga. Self-contained, single board unit with six-layer design and precise, reliable surface mount technology. Derringer w/ 4MB of 32 Bit DRAM-$499.00 $249.95
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

MBX 1200Z
The MicroBiotics MBX 1200Z is offered to Amiga 1200 owners as a cost-effective, high-quality upgrade solution to provide a Motorola 68881/68882 FPU and to support the installation of up to eight megabytes of 32-bit wide Amiga FastRAM. In addition, a high-accuracy, battery backed real-time clock circut is supported. The MBX 1200z board installs instantly on the A1200's standard 150-pin bus connector. MBX 1200z speeds up floating-point operations by as much as 55 times that of the native A1200. The MBX 1200z permits the A1200 user to realize the full potential of his system and software. $189.00
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

◆❷ Platinum Edition Derringer
New 50MHz 68030 accelerator for the Amiga 500 and Amiga 2000. Built around fast, 50 MHz Motorola 68030 central processor, upgrade options allow 1,2,4,8 or 16 MB DRAM together with 50MHz 68882 math co-processor. Additional 32MB DRAM upgrades available in the future. Platinum Edition Derringer allows for hardware remapping of Kickstart 1.3/2.04 into 32 Bit DRAM, leaving MMU free for other programs. Software is provided through optimized performance of the Platinum Edition Derringer by allowing critical operating system libraries to be moved directly into 32 Bit RAM. Like the 25MHz Derringer, the Platinum Edition replaces 6800 CPU inside Amiga. Platinum Edition Derringer 50MHz 68030 w/ 50MHz 68882 and 4MBs 32 Bit DRAM $849.00.
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

◆ Rocket Launcher™
If you have already invested in the 25MHz Commodore A2630 accelerator, Rocket Launcher upgrade kit lets you double the speed of your A2000 series computer without giving up existing A2630 investment or compatibilities. Rocket Launcher provides easy way to replace slower 25MHz processor on A2630 with single module containing much faster 50MHz 68030 CPU and 50MHz 68882 math co-processor. The six-layer, double-sided surface mount technology design Rocket Launcher uses proprietary logic to provide fast CPU/DRAM access, with no synchronization delays. To install, remove old processor and co-processor chips from A2630, plug Rocket Launcher into empty 68030 slot, and switch on Amiga; no software required. $499.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

SupraTurbo 040
A 68040 accelerator for the Amiga 3000. It installs easily in the coprocessor connector on the A3000, and provides vast performance increases. The SupraTurbo 040 accelerates operations such as ray tracing, rendering, or spreadsheet recalculation by as much as 10 times that of a standard 25 MHz Amiga 3000. It contains separate 4K caches for instructions and data and each cache has 64 independent cache areas. One-year warranty. $1295.00
Supra Corporation, 7101 Supra Drive SW, Albany, OR 97321, (800) 727-8772

◆ Twelve Gauge
The complete Amiga 1200 accelerator, Twelcve gauge is everything you need for your A1200 on one single board. Its modular design allows feature to be added when budget permits. twelve Gauge fetures include: 50MHz 68030 Burst Mode DRAM accelerator; 50 MHz 68882 coprocessor socket; optional 33MHz 68030;optional SCSI controller;optional auto config ROM supports autoboot/hardware configuration;includes math coprocessor socket. The Twelve Gauge install into the trap door slot on the A1200. It supports industry standard 60NS DRAM SIMMs.33MHz 68030 $599. 50MHz 68030 $699.
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

VXL 30
Advanced technology 68030 accelerator for Amiga 500 with optional hardware floating point and 32-bit wide, burst-mode memory. A cost-effective, high-quality solution to convert 7MHz, 68000-based A500s into high-speed, 32-bit systems utilizing Motorola's advanced 68030 or 680EC30 microprocessor and its companion math chip, the 68882. The VXL system accepts an optional 32-bit RAM board carrying 2MB or 8MB of Fast Page Mode RAM designed to permit processor to operate in its high-speed burst mode. Prices: with 25MHz 680EC30—$349, with 40MHz 680EC30—$449, with regular 68030 at 25—$399, at 33MHz—$499. VXL RAM-32 with 2MB of 60ns, Fast Page Mode DRAM installed: $299. 25MHz 68882 Math Co-processor and Oscillator kit: $150. $349.00
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

❷ Vector
A third generation processor accelerator card offering superior performance and features. Based on the 030, Vector allows Kickstart ROM to be mapped into local 32-bit RAM. Up to 32MB RAM can be added using industry standard 1Mx8 or 4Mx8 SIMMs. Includes IVS' super high performance Trumpcard Professional SCSI disk interface; has holes for mounting hard drive on card. With mouse-controlled processor switch, you can use either the 68000 or 68EC030. In 68000 mode, 8MB RAM and autobooting SCSI port are available to system. AmigaDos 2.0 compatible. $799.00
Interactive Video Systems, 14804 Beach Blvd., LaMirada, CA 90638, (714) 228-2040

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Miscellaneous Hardware

❖ GENERAL HARDWARE ❖

◆ **2 to 3, IDE**
The 2 to 3, IDE is an adapter board for the internal IDE port that provides an additional standard size IDE port in the rear of the A1200 for a second IDE drive $50.00
Elite Micro-Computers, 138 Turner St., Port Reading, NJ 07064, (908) 541-4214

A3000 PAL/NTSC Switch
Allows A3000 owners to easily choose between NTSC and PAL video standards by flicking a switch. Very useful for software that was developed in Europe specifically for European Amigas and vice versa. $15.95
Luna Tech, Inc., 3667 Lalani Way, Sarasota, FL 34232, (813) 378-5791

A500 HD 150DL Power Supply
Deluxe replacement power supply for the Amiga 500. For owners who are planning to expand their machines, run a BBS, or need better quality replacement power supply. Output specifications: +5V at 14A, +12V at 6A, -5V at .5A, -12V at .5A. All voltages available at a user port for custom applications. Features accessable fuses, three switched A/C outlets, overvoltage, and current protection. $179.95
Luna Tech, Inc., 3667 Lalani Way, Sarasota, FL 34232, (813) 378-5791

A500 Thor Replacement Power Supply
Lowest cost 'large footprint' replacement power supply for A500. 110/220 switchable. Connectors for floppy and hard drives. Output specs: +5V at 14A, +12V at 6A, -5V at .5A, -12V at .5A. $89.95
Luna Tech, Inc., 3667 Lalani Way, Sarasota, FL 34232, (813) 378-5791

◆ **BR-S605UB**
A full-function S-VHS recorder/player with built-in PWB extension slots ideal for use as a multi-purpose terminal in a computer-controlled video network. $2395.00
JVC Professional Products Co., 41 Slater Drive, Elmwood Park, NJ 07407, (201) 794-3900

CIA Guard
Attaches to parallel port of Amiga (particularly A600), protects CIA chips from static discharge damage. (Essential on A600 with surface mount (read expensive to repair) circuit boards. $47.00
Phoenix Microtechnologies Pty. Ltd., 18 Hampton Road, Keswick, South Australia 5035, (011) 618-293-8752

DataFlyer 500 Power Supply
The DataFlyer 500 power supply is a 30-watt switcher supply which will accept all domestic and international input currents. It mounts internally and comes complete with all cables, hardware, and easy-to-follow instructions. $89.95
Expansion Systems, 44862 Osgood Road, Fremont, CA 94539, (510) 656-2890

DataFlyer Rail Kit
Used on the DataFlyer 2000 to extend the drive behind the interface. Comes complete with all hardware. The drive can also be mounted on the rear of the interface without the Rail Kit or any extra hardware. $26.95
Expansion Systems, 44862 Osgood Road, Fremont, CA 94539, (510) 656-2890

EMPLANT
The Electronic Micro-Processor Level Amiga Native Task, EMPLANT, is a hardware/software product that allows the emulation of virtually any computer using the Amiga. A software driver and ROMs from the computer to be emulated are required. Custom programmable logic allows the EMPLANT hardware to appear as the hardware of the emulated system. Multiple emulation modules are possible at the same time on a single EMPLANT board. Macintosh emulation is currently available with other modules to be available soon. Basic EMPLANT system $279.95, Option A (Basic EMPLANT system with high-speed serial ports/AppleTalk support) $349.95, Option B (Basic EMPLANT system with high-speed SCSI interface) $349.95, Deluxe (Basic EMPLANT system with both high-speed serial and SCSI options) $399.95. $234.95
Utilities Unlimited, 1641 McCulloch Blvd, Ste #25-124, Lake Havasu City, AZ 86403, (602) 680-9004

Power Supply
Fully compatible replacement power supplies for your A500, C128, or Commodore 64. All power supplies are fully guaranteed against all defects and compatibility. Prices: A500—$79.95; C128—$99.95; C64—$37.95.
Expansion Systems, 44862 Osgood Road, Fremont, CA 94539, (510) 656-2890

❷ **Pro Port Analyzer**
Tests all Amiga external ports for proper operation and disk drives for read/write operation. Quickly tests the serial, parallel, joystick, video, and disk drive ports using intuitive graphic software. Completely mouse driven. 2.0 and 3.0 compatible. $99.00
Amazing Computers, 1441 E. Fletcher Ave. Ste. 1450, Tampa, FL 33612, (813) 977-6511

Pro ROM Switcher
Easy. Select one of two ROMs by simply holding down the CTRL Left-Amiga, Right-Amiga keys for more than 5 seconds; the alternate ROM is selected. If you repeat the operation, the main ROM is again selected. Works on all revision motherboards for the A500 and A2000. Also has jumper for older versions of the A500/2000 motherboards. No soldering required. $59.00
Amazing Computers, 1441 E. Fletcher Ave. Ste. 1450, Tampa, FL 33612, (813) 977-6511

◆ **SMG ProCare**
Exclusive Factory Authorized Re;pair Services for Commodore Computers. SMG ProCare replaces Gold Service. Choose from Parts Only, On-Site and Depot support programs. Covers all Commodore and most popular third-party products, both during and after the manufacturer's warranty. SMG ProCare is available on a per incident or yearly agreement basis. Includes SMG Help Desk.
Service Management Group, The, 10 Columbia Corporate Center, 10400 Little Patuxent Pkwy, Ste 440, Columbia, MD 21044, (410) 992-9975

◆ **SMG Product Upgrades**
Upgrade your Commodore system where Commodore upgrades theirs—at the SMG. Keep your system delivering top performance. We can add memory, disk drives, or simply bring your system up to the latest revision. Available for all Commodore systems. Call for prices and details.
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SecureKey
Internal plug-in board for all Amigas with Zorro II/III slots. The SecureKey adds password protection to your computer. Once installed, you computer cannot be accessed without this password. You can't boot off of a floppy or break out of the startup-sequence. This protects your system and hard drives from unauthorized use. Price listed is for the complete SecureKey system. $99.95
DKB Software, 50240 West Pontiac Trail, Wixom, MI 48393, (313) 960-8750 support

◆ **T3+**
The T+3 is a full size tower case measuring 8.7 x27.6 x 17.8 inches. Both side panels open for easy access. Swing open front panel conceals external drive bays. Features include 6 external half height bays; 4 internal 3,5 inch bays; 300 watt power supply; 2 cooling fans; VGA video out; 2 mouse ports; removable rolling coasters.
Alabama Computers, Inc., 6210 Old Mason Pike, Ste. D, Huntsville, AL 35806, (205) 837-9324

◆ **The BackPack**
The BackPack, from EMC is an enclosure for the A600, A500, and A1200 that supports a single 3 1/2-inch x 1-inch hard drive unit with 20W power supply in both SCSI and IDE devices. $110.00
Elite Micro-Computers, 138 Turner St., Port Reading, NJ 07064, (908) 541-4214

◆ **The Clock**
The clock for the Amiga 1200 keeps you up to the minute. It fits internally in the Amiga 1200 on the clock header connector on the motherboard. It does interfere with the installation and is automatically recognized by the operating system. The Clock requires no additional software. $29.95
DKB Software, 50240 West Pontiac Trail, Wixom, MI 48393, (313) 960-8750 support

◆ **The Power Box**
The Power Box is a device enclosure for the A600, A500, and A1200 (to hold up two 5 1/4-inch devices) and a 200 watt power supply. The Power Box supports both SCSI and IDE devices. $175.00
Elite Micro-Computers, 138 Turner St., Port Reading, NJ 07064, (908) 541-4214

Visiona
Visiona board is a 24-bit graphics board available in 85MHz, 110Mhz, and 135MHz versions. The Visional is expandable from 2MB to 4MB of VideoRAM. The Visiona board starts at $2999.95 and goes to $5999.95.
MicroPace, 109 South Duncan Rd., Champaign, IL 61821, (217) 356-1962

Zorro II/III Extender Card
Allows hardware developers easy access to their cards while cards are plugged into Zorro expansion bus. Extender card saves wear and tear on your expansion slots because you don't have to continually unplug your hardware cards to troubleshoot them. Also gives you much easier access to your work by extending your card 5 inches above its normal height. For A2000/3000 or any Zorro II/III expansion slot. $39.95 plus S&H.
Overland Engineering, 8 Desert Villa Dr. #1, Edwards, CA 93523, (505) 299-9312

ezMOTION
A miniature passive infrared motion detector that connects to either Amiga gameport. ezMOTION detects the movement of warm objects, such as people and animals. Sensor can detect motion up to 20 feet away. When plugged into gameport #1, a left mouse-button signal is generated each time motion is detected. When plugged into gameport #2, a joystick fire-button signal is generated each time motion is detected. Any program that detects left mouse-button or joystick fire-button events can be used with ezMOTION.
Boone Technologies, Inc., P.O. Box 15052, Richmond, VA 23227, (804) 264-0262

❖ BACK UP HARDWARE ❖

FileRunner™ Streamer for use with any Amiga
External Streamer sub-system for use with any Amiga. 60MB, 150MB, 230 MB, and 1GB available. Tested with the Amiga 3000. Comes with its own power supply and fits under the monitor.
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

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❖ *BRIDGEBOARD* ❖

◆ **486SLC 33MHz Bridgeboard**
The 486SLC 33MHz Bridgeboard for use in the A2000, A3000, or A4000. Available with 3MB of RAM. $1100.00
Elite Micro-Computers, 138 Turner St., Port Reading, NJ 07064, (908) 541-4214

A-Max II
Now handles most major Amiga hard drive controllers to give full hard drive support during Macintosh emulation with both Amiga and Mac hard drives. A-Max II also supports other standard SCSI devices, such as the LaserWriter IISC and scanners, through compatible Amiga hard drive controllers. Other new features include improved handling of Amiga accelerator boards with MMUs to give increases of up to five times normal speed, and the ability to play Macintosh digitized sounds during emulation. $249.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

A-Max II Plus
A-MAX II Plus is an Amiga 2000/3000 internal card that provides Macintosh compatibility plus Appletalk network compatibility, two Macintosh serial ports, MIDI compatibility and the ability to read, write, and format Macintosh disks on standard Amiga disk drives. You supply 128K ROMS. Has enhanced version 2.5 software for System 7 compatibility. $499.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

A2000 Bridgeboard Speaker
Gives the PC emulators the gift of sound. Comes with all needed mounting hardware. Installs in minutes in any A2000 with basic household tools. $14.95
Luna Tech, Inc., 3667 Lalani Way, Sarasota, FL 34232, (813) 378-5791

ALF-PC-SCSI
Fastest 8-bit SCSI controller for the PC side of the Amiga. Automatically detects hard drives, CD-ROMs, removable drives. No drivers required. After performing FDISK and Format, any SCSI drive will work. For any Amiga with bridgeboard. English/French/German manual. Workbench 2.0 compatible. $112.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

vortex AToncе-Amiga v1.27
AToncе gives your A500/A2000 a complete 80286 AT emulation including an AT compatible BIOS, emulation of the parallel and serial ports, sound, EGA/VGA monochrome graphics, other graphics in color, hard disk support and integration of RAM expansions. When RAM expansions are fitted, additional memory can either be used as DOS Base Memory and/or as Extended/Expanded Memory. Yet while running as a task within AmigaDOS, AToncе does not affect normal operation of your Amiga and is totally transparent when not in use. Each AToncе has a high quality, low power Motorola 68000 CPU, saving you time with installation, providing a high degree of reliability, and leaving the original as a spare. AToncе is compact and easy to fit. Plugs directly into 68000 CPU socket of A500 or via plug-in-adapter in one of the Amiga slots of A2000. No soldering required. $398.00
vortex Computersysteme Distributed by: GMR Productions, 3835 Richmond Ave., Suite 138, Staten Island, NY 10312, (718) 967-1509

● **vortex AToncе-Classic v2.33**
Gives your A500 and A500 Plus a complete 80286 AT emulation, including an AT compatible BIOS, emulation of the parallel and serial ports, sound, EGA/VGA monochrome graphics, other graphics in color, hard disk support, and integration of RAM expansions. When RAM expansions are fitted, the additional memory can be used either as DOS base memory and/or as extended/expanded memory. Yet while running as a task within AmigaDOS, AToncе-Classic does not affect the normal operation of your Amiga, and is totally transparent when not in use. Each AToncе-Classic is supplied with a high quality, low power Motorola 68000 CPU. Saves you time with the installation, provides high degree of reliability, and leaves the original as a spare. AToncе-Classic is compact and easy to fit. Plugs directly into the 68000 CPU socket on the A500 or A500 Plus. No soldering required. Supports Kickstart 1.2/1.3 and AmigaDOS 2.0. $298.00
vortex Computersysteme Distributed by: GMR Productions, 3835 Richmond Ave., Suite 138, Staten Island, NY 10312, (718) 967-1509

vortex AToncе-Plus
High-performance AT emulator with a 16 MHz, CMOS 80286-16 bit processor for A500, A500 Plus, and A2000. Offers a Norton SI of greater than 16.2. Supplied with 512K vortex Emulator-RAM and socket for an optional 80C287-12 math coprocessor. Without any additional RAM, AToncе-Plus makes 640K DOS memory available. Runs unrestrictedly in protected mode. Works with Commodore compatible hard disk systems that use an AmigaDOS compatible hard disk driver as well as with 3.5-inch/5.25-inch floppy drives with 720K/360K. $448.00
vortex Computersysteme Distributed by: GMR Productions, 3835 Richmond Ave., Suite 138, Staten Island, NY 10312, (718) 967-1509

vortex Golden Gate
This bridge slot card closes the gap between Amiga's Zorro slots and PC/AT (ISA) slots. A real multi-talent: it's a 25MHz 80386SX PC/AT emulator for A2000/3000/3000T with integrated RAM expansion, and also a PC/AT IDE hard disk controller and optionally a PC/AT floppy controller for HD/ED floppy disk drives up to 2.88MB. Runs fully in Amiga multitasking environment, plugs directly into one of the bridge slots, many more features.
vortex Computersysteme Distributed by: GMR Productions, 3835 Richmond Ave., Suite 138, Staten Island, NY 10312, (718) 967-1509

◆ **vortex Golden Gate 486SLC**
A 25 MHz 80486 SLC PC/AT emulator for A2000/A3000 with integrated 16MB RAM expansion. Further integrates a PC/AT IDE hard disk controller and optionally a PC/AT floppy disk controller for HD floppy disk drives up to 2.88MB. Closes the gap between Amiga's Zorro slots and PC/AT (ISA) slots. $1099.00
vortex Computersysteme Distributed by: GMR Productions, 3835 Richmond Ave., Suite 138, Staten Island, NY 10312, (718) 967-1509

❖ *CABLES* ❖

6004-23
Switch Box, 2 position, D-23 connectors. Specify gender when ordering. $30.00
Benetech Electronic Supply, Inc., Route 1, Box 247, Canton, TX 75103, (903) 848-0435

CA-23-MF/3
Three-foot extension cable D-23 male/female. $16.00
Benetech Electronic Supply, Inc., Route 1, Box 247, Canton, TX 75103, (903) 848-0435

CA-23-MF/6
Six-foot extension cable D-23 male/female. $18.50
Benetech Electronic Supply, Inc., Route 1, Box 247, Canton, TX 75103, (903) 848-0435

CA-4920 SCSI 2 Drive
SCSI, 50-pin flat ribbon, daisy chain. $9.00
Benetech Electronic Supply, Inc., Route 1, Box 247, Canton, TX 75103, (903) 848-0435

D-23P
23-pin connector, solder type. Male. $1.40
Benetech Electronic Supply, Inc., Route 1, Box 247, Canton, TX 75103, (903) 848-0435

D-23S
23-pin connector, solder type. Female. $1.60
Benetech Electronic Supply, Inc., Route 1, Box 247, Canton, TX 75103, (903) 848-0435

DataFlyer SCSI Pass Through
Cable and DB25 connector to extend the SCSI pass through to the back of the DataFlyer 500 or the A2000 case. Plugs onto the DataFlyer interface. $23.95
Expansion Systems, 44862 Osgood Road, Fremont, CA 94539, (510) 656-2890

P-NET Cable/Adapter
Parallel network cable or adaptor for use with The Software Distillery's ParNet by Mat Dillon FF400. Allows the connection of two Amigas as a network. $24.95 plus shipping.
Design Computer Systems Inc., 4132 10th Ave. N, Lake Worth, FL 33461, (407) 967-9222

Standard SCSI Cable- CA-4910
SCSI, 50-pin, flat ribbon cable. $7.50
Benetech Electronic Supply, Inc., Route 1, Box 247, Canton, TX 75103, (903) 848-0435

❖ *CHIPS* ❖

1 Meg x 8 SIMM
SIMM modules for most memory boards that use SIMMs. Price is for 100ns. $29.00
Krueger Company, The , 1544 West Mineral Road, Tempe, AZ 85283, (602) 820-5330

34010 Graphics Processor
The TMS 34010 Graphics Processor. $20.00
Krueger Company, The , 1544 West Mineral Road, Tempe, AZ 85283, (602) 820-5330

68020-16
The 16 MHz 68020 for accelerator boards. $5.00
Krueger Company, The , 1544 West Mineral Road, Tempe, AZ 85283, (602) 820-5330

68030RC-25
The 25 MHz 68030 for accelerator boards. Other microprocessors and support chips also are available. These are full 68030 Microprocessors with MMU. $25.00
Krueger Company, The , 1544 West Mineral Road, Tempe, AZ 85283, (602) 820-5330

68040RC-25
The 25 MHz 68040 for accelerator boards. $150.00
Krueger Company, The , 1544 West Mineral Road, Tempe, AZ 85283, (602) 820-5330

68881-16
A 16 MHz Floating Point Coprocessor for accelerator boards. $5.00
Krueger Company, The , 1544 West Mineral Road, Tempe, AZ 85283, (602) 820-5330

68882-33
An upgraded 33 MHz Floating Point Coprocessor for accelerator boards. Slower speeds available at lower prices. $45.00
Krueger Company, The , 1544 West Mineral Road, Tempe, AZ 85283, (602) 820-5330

DRAMs and Video RAMs
Refurbished 1MB x 1, 256K x 4, 256K x 1, 64K x 4, and 64K x 1 DRAMs and Video RAMs are available in DIP, ZIP, and surface mount packages at a fraction of new prices. All parts are guaranteed. Price and availability may change daily so call with your memory expansion requirements.
Krueger Company, The , 1544 West Mineral Road, Tempe, AZ 85283, (602) 820-5330

Static RAMs
Refurbished Static RAMs and Pseudostatic RAMs are available in DIP and surface mount packages at a fraction of new prices. All parts are guaranteed. The 128K x 8 (1MB) Static RAMs in DIP packages or DIMM modules can be obtained for $10. $10.00
Krueger Company, The , 1544 West Mineral Road, Tempe, AZ 85283, (602) 820-5330

Toaster Toolbox 4000™
Toaster Toolbox 4000 is a slot expansion system designed for the Amiga 4000, but is compatible with all Amiga Video Toaster Systems. The Toaster Toolbox 4000 provides eight expansion slots for video toaster internal peripherals such as time-base correctors, vectorscope and waveform monitors, single frame controllers, edit controllers, sync generators, and more in a color-matched case with a 200watt power supply.
Desktop Video Systems, 14111 West 95th St, Lenexa, KS 66215, (913) 782-8888

❖ CLOCKS ❖

12 A'Clock
The Amiga 1200 computer is just about the perfect computer—except for one thing: it really needs a clock. Now you can easily and inexpensively have one by installing the MicroBiotics 12 A'Clock board internally on the clock-header connector on the A1200 motherboard. 12 A'Clock is a simple-to-use peripheral that can automatically set your Amiga's system time and date upon startup. $34.95
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

❖ COMPUTER SYSTEMS ❖

◆ **A4000-030/120**
The Amiga 4000-030 includes Advanced Graphics Architecture chip set allowing for 256,000 simultaneously displayable colors and selectable resolutions. Powered by a 25Mhz EC68030, the unit comes standard with one 3.5-inch high-density floppy drive, 2MB chip RAM, 2MB fast RAM, 120MB hard drive, mouse, keyboard, two mouse ports, serial and parallel ports, IDE interface, single video port for 15.75 and 31.5 kHz vertical refresh rates (built-in de-interlacer).
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

A4000-040/120
The Amiga 4000 includes Advanced Graphics Architecture chip set allowing for 256,000 simultaneously displayable colors and selectable graphics resolutions. Unit comes standard with one 3.5-inch high-density floppy drive, 6MB RAM, 120MB hard drive, mouse, keyboard, two mouse ports, serial and parallel ports, IDE interface, single video port for 15.75 and 31.5 kHz vertical refresh rates (built-in de-interlacer), and math coprocessor on chip with MC68040.
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ **Amiga 1200**
The Amiga 1200 includes the Advanced Graphics Architecture chip set allowing for 256,000 simultaneously displayable colors and up to 60 frame per second animation. This high speed 32-bit unit comes standard with one 3.5-inch floppy drive, 2MB chip RAM, mouse, serial and parallel ports, internal IDE interface, and a single video port capable of selecting resolutions and scan rates including NTSC and VGA. A 40MB IDE hard drive unit is available.
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ **Amiga CD32 Game Console**
The Amiga CD32 is a full 32-bit CD game console with a top-loading CD-ROM drive. Based on the AGA chip set, the Amiga CD32 can display and animate graphics in up to 256,000 colors. NTSC (US)/PAL (Europe). $399.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Computer Imaging Systems
Advanced Image supplies complete computer imaging system for sales presentations in the construction industry, real estate sales, land scaping, etc. The system includes image scanning, 24-bit color processing, hard copy, and video output. $4,800 to $22,000.
Advanced Image, 2 Townsend Road Rt. 13 S, Brookline, NH 03033, (603) 673-0212

❖ ENTERTAINMENT ❖

AV-8B Harrier Assult
Pilots will be thrilled to fly AV-8B as it provides full flight modelling including Verticle Short Take Off/Landing (VSTOL) and Vectoring In Forward Flight (VIFF). These features are what make the Harrier the most exciting aircraft on the planet. The scenario unfolds on the island colony of East Timor in the Indian Ocean, where a coup has taken place. The United Nations has committed forces to help the rightful govornment be reinstated and end the human rights violations which have been pervasion on the island. You are strategically and tactically in charge. As Commander of the Rapid Response Force, you will be given the opportunity to ste up troop objectives and also fly support on attack and reconnassaince missions. You will also be accountable for the movements of your task force on a more global scale. The scenarios are limitless as real-time responses to your actions influence the eventual outcome of the war. $59.95
Domark, Dist. by Accolade, 5300 Stevens Creek Blvd, San Jose, CA 95129, U.K. address in Vendor list, (415) 513-8929

Amiga Smart Port & SmartPortCal Program
Amiga Smart Port is auto-switching game port interface system. Three connectors provided for mouse, digital joystick, and fully compatible IBM PC dual analog joystick game port. Simply press the button on device to be used; automatic electronic switching does the rest. Two sets of X- and Y-axes trim adjustments provided to set analog ports for maximum performance. Includes SmartPortCal software which allows user to view all digital and analog system values, making adjustment of the four analog channels a snap. For all Amigas with any version of Workbench. $52.95
InterACTIVE Digital Devices, Inc., 2238 Nantuckett Court, Marietta, GA 30066, (404) 516-0248

DP IBM Analog Interface
With this interface and an IBM joystick the Amiga owner can take advantage of the analog option programmed in many of today's commercial games (Knights of the Sky, World Circuit, Birds of Prey, more). With this interface and almost any IBM analog joystick, you'll be able to experience fluid banks, targeting ease, and incomparable maneuverability. Works with all Amigas and is nearly 100 percent compatible with all existing analog games. 90-day warranty. $9.95 plus $3 S&H.
DigiPrint, P.O. Box 13016, Richmond, VA 23225, (804) 560-1769

Shadowlands
Shadowlands, the new role playing game developed by Teque™ utilizes a revolutionary new system, Photoscape™, a dynamic new lighting system which illuminates the the game landscape realistically as you and your cohots travel through the vastness which is Shadowlands. fetauring role playing techniques familiar to afficianados, Shadowlands is also filled with feindish traps, hidden hazzards, and some challenges too Machiavellian to even contemplate, and it is all controlled using a friendly intuitive system. Corpses, skeletons, and monsters lurk around every corner—some fatally attracted to the light you carry, others repelled by it. Light activated traps will snare the unwary...darkness may be the trigger. Shadowlands will certainly keep you on your toes. $49.95
Domark, Dist. by Accolade, 5300 Stevens Creek Blvd, San Jose, CA 95129, U.K. address in Vendor list, (415) 513-8929

❖ ENTERTAINMENT/JOYSTICKS ❖

Analogue Joystick Adaptor
Enables use of IBM-type analog joysticks on any model Amiga using software that provides analog joystick support. $10.00
Phoenix Microtechnologies Pty. Ltd., 18 Hampton Road, Keswick, South Australia 5035, (011) 618-293-8752

Ergostick
A soft, pliable, ergonomically engineered joystick that comfortably fits your hand. State-of-the-art microswitches, super sensitive touch control. $24.95
Suncom, 6400 W. Gross Point Road, Niles, IL 60648, (708) 647-4040

Gravis Amiga GamePad
The Amiga GamePad is a combination control pad and joystick, developed specifically for the many fast-action arcade and directional games on the Amiga platform. Its unique hand-held design is familiar to millions of Nintendo players. Adding detachable handle easily converts the unit to desktop use. It's also easily converted to left or right-hand play. $24.95
Advanced Gravis Computer Technology Ltd., 7400 MacPherson Ave, #111, Burnaby, BC V5J 5B6, Canada, (604) 431-5020

Gravis Switch Joystick
The Gravis Switch Joystick advances the 'art' of joystick control with a full-sized, foam-padded, pistol-grip handle, and adjustable handle tension. Turbo-fire is a new feature on each of the three buttons, providing even faster response and a greater degree of control. The joystick is durable and versatile enough to handle today's wide range of software-from the precision & control required for flight & driving simulations to the frantic and hard-hitting pace involved with action-packed, arcade-type software. Another new feature is the automatic trigger point adjustment of the tension wheel. The reaction time is faster for arcade-type games, and control is greater for the simulation software. The Gravis Switch Joystick carries a one-year, no-nonsense warranty promising dependable, long-lasting, hassle free use. $49.95
Advanced Gravis Computer Technology Ltd., 7400 MacPherson Ave, #111, Burnaby, BC V5J 5B6, Canada, (604) 431-5020

Hot Stuff
Choosing the color may be your toughest decision with Hot Stuff, a highly interactive joystick that will improve the precision of your play as well as your scores. Grab hold of the Pistol-Grip and fire away. The handle is topped off with two trigger buttons with a second set of fire buttons located on the base. Hot Stuff sports an auto-fire switch as well as four super suction feet on its base. Available in pink, blue, green, or yellow. $10.99
Beeshu, Inc., 930 Carter Rd., Winter Garden, FL 34787, (407) 877-2100

Powerplayers Joystick
Trigger-style joystick that allows easy maneuverability and rapid firepower. $29.95
MindScape, A Software Toolworks company, 60 Leveroni Court, Novato, CA 94949, (415) 883-3000

Stik-Gripper™
Stik-Gripper™ is a solid steel joystick clamp which you can clamp to your table and place your joystick in! This handy device allows rugged, one-handed play just like in the arcades! It is adjustable to fit any joystick up to 4 5/8 inches wide including Wico, Kraft, Suncom, and more! This device will definetely improve your scores on those fast-moving, hard-driving games! A must for the true gamer! $9.99
Duggan DeZign Inc., 300 Quaker Lane, Ste. 7, Warwick, RI 02886, (800) 962-6107

Stik-Gripper™ T.C.S.
Stik-Gripper T.C.S. ™ (Total Control Stand) is a patented joystick holding stand which secures your joystick front and center for one-handed arcade type action! It is a rugged, three-piece plastic stand which you place on your chair and straddle with your legs. Any joystick (including Gravis and The Flight Stick) will easily mount or dismount from it through the Velcro pads provided. It will put you in the cockpit with flight simulators as it allows you to use your keyboard and joystick at the same time! $19.99
Duggan DeZign Inc., 300 Quaker Lane, Ste. 7, *Warwick, RI 02886, (800) 962-6107*

Tac-30
A competition grade joystick featuring fixed auto-fire and three fire buttons for speed, comfort, and better reaction time. Has silent microswitches and precision, aircraft-style grip. $16.95
Suncom, 6400 W. Gross Point Road, Niles, IL 60648, (708) 647-4040

Tac-50
A competition grade joystick featuring variable auto-fire and four fire buttons for speed. Has digital microswitches array technology, providing tactile and audible feedback. Includes trigger fire grip for precise control. Lifetime warranty. $19.95
Suncom, 6400 W. Gross Point Road, Niles, IL 60648, (708) 647-4040

UFO RC 1000
A remote joystick for use with Amigas or Atari. Closeout item. $10.00
Winner Products USA Inc., 821 S. Lemon Ave., Ste. A-9, Walnut, CA 91789, (714) 595-2490

Ultimate Superstick
The Ultimate Superstick is an arcade-style controller that features eight directional micro switch controls and two independent Dial-A-Speed

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autofires—permitting as many as 30 shoots per second! The Ultimate also comes with two sets of fire/jump buttons, each with its own operating LED, making it versatile for left- and right-handed players. The Ultimate has five suction cups allowing it to be mounted firmly on any smooth surface, and comes with a 10-foot cord allowing the gamer to play from a greater distance. $39.95
Beeshu, Inc., 930 Carter Rd., Winter Garden, FL 34787, (407) 877-2100

❖ *EXPERIMENTAL HARDWARE* ❖

NES, Inc. AM-200A Prototyping Board for Amiga 2000/3000
Prototyping board for use with the A2000 or A3000. $49.95
N.E.S. Corp., 4660 SW Flower Place, Portland, OR 97221, (503) 246-9311

NES, Inc. AM-200AZ Prototyping Board for Amiga 2000/3000
Zorro II/III pins only. $42.95
N.E.S. Corp., 4660 SW Flower Place, Portland, OR 97221, (503) 246-9311

NES, Inc. AM-200B Prototyping Board for Coprocessor or Video Slot
Prototyping board for use in coprocessor or video slot. $79.95
N.E.S. Corp., 4660 SW Flower Place, Portland, OR 97221, (503) 246-9311

Parallel Port I/O Board
General-purpose I/O board connects to parallel port of any Amiga. Offers 32 lines of configurable logic I/O, eight analog (8-bit A/D) inputs, and transparent printer pass-through. ARexx support is provided as is a standard Amiga library for controlling the board, which may be called from most programming languages. Diagnostic software and full source code also provided. $130.00
Phoenix Microtechnologies Pty. Ltd., 18 Hampton Road, Keswick, South Australia 5035, (011) 618-293-8752

Zorro II-III Prototyping Board
Prototyping board for the A2000, A3000, and A4000. Allows developers, engineers, and dedicated hobbyists to build, test, and debug custom hardware before developing a custom printed circuit board. Two-sided board designed for maximum flexibility has over 4400 plated through holes on a 0.1 grid. Main prototyping area accepts IC's in DIP packages with as many as 64 pins and IC's in PGA packages as large as 14 x 14 pins. I/O connector pattern and mounting bracket designed for D connectors with up to 25 pins. $49.95
Celestial Systems, 1116-A 8th Street Ste. 165, Manhattan Beach, CA 90266, (310) 640-7734

❖ *FAX-SSTV* ❖

Amiga Video Terminal (AVT) System
The AVT system utilizes the graphics capabilities of the Amiga to transmit and receive high-resolution facsimile and slow-scan television images. Received images can be printed on any Amiga printer or saved on a disk file. A unique capability of the AVT mode is the 400 Hz bandwidths, instead of the conventional 1100 or 1200 Hz SSTV bandwidths. If used in conjunction with a CW filter and IF shift, this drastically improves the signal-to-noise ratio, enabling clearer reception of weak signals. Further, all video information is crystal-locked at both the transmitting and receiving stations at the start of each frame, eliminating misalignment. Another unique feature of the AVT system is its ability to send high-speed color images over telephone lines to similarly-equipped AVT system stations. There's also telephone ring detector and auto-answering. $319.00
Advanced Electronic Applications, Inc., P.O.Box C2160, 2006-196th S.W., Lynnwood, WA 98036, (206) 774-5554

ClickFAX v2.05
ClickFAX supports both sending and receiving fax documets at 9600 baud. It provides standard telecom modem capabilities, at speeds of 300, 1200, and 2400 baud with MNP level three, four, and five support.ClickFAX has three complete user interfaces. You can utilize all of the system's features from the WorkBench using the mouse, from your CLI or Shell using simple typed commands, or via ARexx from any application, script, or macro. It can read ASCII text files, IFF graphics files, and pre-compressed '.fax' files created by itself or the AE 'SendFAX.' The system consists of an attractive external modem, cable, and support software. $449.95
Black Belt Systems, 398 Johnson Road, RR-1 Box 4272, Glasgow, MT 59230, (800) 852-6442

PhonePak VFX
Fax/PhoneMail system for A2000, A3000 and A4000. Each installed PhonePak card provides wealth of unique features for single telephone line. Multiple cards on single machine can work in unison or independently. DMA chip technology means Amiga's multitasking capability is undisturbed. Faxes can be received by themselves or attached to voice messages. User can create automated information system that lets callers receive both fax and voice information. Faxes can be sent to one number or group of numbers. $399.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

Supra FAXModem Plus
This fax/data modem features 2400 bps data and CCITT V.42bis and MNP 2-5 data compression for up to 9600 bps throughput when connected to another modem supporting the same protocols. Fax: compatible with Class 1 and 2 software, Group 3 fax machines. Data: Hayes compatible, autoanswer/autodial, two modular phone jacks, adjustable speaker, compatible with most popular telecommunications software. Available with GP fax software. Five-year warranty. $199.95
Supra Corporation, 7101 Supra Drive SW, Albany, OR 97321, (800) 727-8772

Supra FAXModem V.32 9600 Send/Receive Fax
This modem features CCITT V.32 (9600 bps data) CCITT V.42bis, and MNP 2—5, providing up to 38,400 bps throughput when connected to a modem that supports the same protocols. The SupraModem 9600 features a five year warranty, Hayes compatibility, asynchronous and synchronous operation, compatibility with most popular telecommunications software, Bell 103/212A and CCITT V.21/V.22/V.22bis protocols, autoanswer/autodial (tone or pulse), two modular phone jacks, adjustable-volume speaker, and is made in the USA. It works with any computer with an RS-232C serial port and comes with everything the user needs except telecommunications software and an RS-232C cable to connect the modem to the computer. Works with any Class 1 or 2 fax software (not included). Also available with GP fax software. $299.95
Supra Corporation, 7101 Supra Drive SW, Albany, OR 97321, (800) 727-8772

Supra FAXModem V.42bis
14,400 bps fax/data modem with V.42bis and MNP2-5 error correction/data compression offers up to 57,600 bps throughput. Compatible with Class 1 and 2 fax software, Group 3 fax machines, most popular telecommunications software. Downward compatible with lower-rate modems. 25-function status display, autoanswer/autodial, two modular phone jacks, nonvolatile memory, Hayes compatible. Also available with GP fax software. Five-year warranty. $399.95
Supra Corporation, 7101 Supra Drive SW, Albany, OR 97321, (800) 727-8772

❖ *GRAPHICS HARDWARE* ❖

1600GX Graphics Board
For the A4000/A3000. High resolution, accelerated, 32-bit graphics product specifically designed for users who require high performance graphics display for demanding applications such as CAD, desktop publishing, graphics production, and the X Window System. Programmable resolutions up to 1600 x 1280. Has 32-bit Zorro III host interface. Pipelined graphics processor draws quadrilaterals, triangles, lines, points at full bandwidth of video memory. Drawing rate of 100 million pixels/second. Direct access, memory mapped frame buffer for image processing applications. Sixteen million color palette. Available separately or bundled with selected workstation quality monitors. Requires A4000/A3000, ZorroIII. $1995. $1995.00
Ameristar Technologies, Inc., 47 Whittier Avenue, Medford, NY 11763, (516) 698-0834

A2000 EGS-110/24
A high-performance RGB output graphics system that offers fully programmable pixel rates from 5-110MHz in true 16 million colors (24-bit) per pixel. This enhanced graphics system plugs directly into 32-bit bus on all of GVP's combo-type 030 and 040 accelerator boards for A2000. $2699 with 4MB, $3499 with 8MB.
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

DMI020
The 1280 x 1024 24 plane system makes available the full 16+ million color spectrum, and over 1,300,000 pixels. The Memory Buffer Option for the DMI020 doubles the amount of available vRAM providing for faster screen displays. Three to five times more addressable data. Programmable control up to its maximum resolution.
Digital Micronics, Inc., 2075 Corte del Nogal, Ste N, Carlsbad, CA 92009, (619) 931-8554

FreezeFrame Film Recorder
This WYSIWG film recorder allows you to capture on film any image you can display on your 1084 (or compatible) monitor. NTSC compatible for use with Toaster or DCTV. Is 24-bit capable when used with an adapter (e.g., FireCracker or OpalVision). Fast analog operation exposes 35mm slides in 15 seconds, instant prints in 30 seconds. Comes complete with both film backs and all cables. NTSC only. Requires 512K RAM, one floppy disk. $1895.00
Prime Option, 2341 W. 205th St. Ste.116, Torrance, CA 90501, (310) 618-0274

◆ **LightRave**
LightRave is a custom hardware module that emulates all of the Toaster functions needed by LightWave 3D™. LightRave enables any Amiga to run LightWave 3D™ without requiring a Video Toaster to be installed. Features include: true 24 bit display-allowing LightWave 3D™ to render directly to the most popular 24 bit graphics cards, PAL compatible, full screen preview animations are now available to all LightWave 3D™ users. LightRave is fully network compatible and works with the entire Amiga line of computers. Requires LightWave 3D™ 2.0 or 3.0, Workbench 2.04 or later. Extended memory and hardware acceleration recommended. $499.00
Warm and Fuzzy Logic, 2302 Marriot Road, Richmond, VA 23229, (804) 285-4304

◆ **Merlin 24Bit Video Digitizer**
Add-on board for the Merlin graphic board. Does not require an additional slot. Plugs straight on to Merlin. Realtime frame grabbing at 30 fps with 24-bit Picture in Picture preview on the Workbench in 320 x 200 resolution. Accepts S-Video and composite in. Compatible with both NTSC and PAL. $699.00
Spectronics International U.S.A., Inc., 34 East Main St. #3, Champaign, IL 61820, (217) 352-0061

Merlin 24Bit graphic board
Merlin is available in 2 and 4MB of VRAM, both expandable to 16MB of VRAM. S-Video and composite output integrated on the board. Does not require second monitor. Intuition Emulator and TV- Paint 2.0 for Merlin included. The integrated blitter performs at 50 MegaPixel per second. Most features performed through dedicated hardware, increasing the working speed dramatically. Max. resolution in 24-bit (4M version): 1280 x 1024 (super bitmap scrolling through hardware), max. resolution in 8-bit: 2048 x 2048. Suggested price starting from $699.
Spectronics International U.S.A., Inc., 34 East Main St. #3, Champaign, IL 61820, (217) 352-0061

◆ **Merlin Genlock**
Add-on board for the Merlin graphic board, does not require additional slot. Plugs straight on to Merlin. Broadcast-quality genlogck with S-Video and composite in- and outputs. Compatible with PAL and NTSC video signals. $699.00
Spectronics International U.S.A., Inc., 34 East Main St. #3, Champaign, IL 61820, (217) 352-0061

◆ **Picasso II**
The Picasso II is the first true RTG (Retargetable Graphics) card available. With the Picasso II you can now have more resolution and colors than AGA on any machine, even the A4000. The Picasso II is completely integrated into the system. This means that all system friendly software will immediately take advantage of the new resolutions. The Picasso II supports 24 Bit (16 million colors) resolutions up to 800x600, and 8 bit (256 colors) resolutions up to 1600x1200. Requires 1 Meg and Amiga DOS 2.04 or higher. NTSC/PAL. $549.95
Expert Services, 7559 Mall Rd, Florence, KY 41042, (606) 371-9690

X-Specs 3-D Amiga System
Through these advanced high-speed liquid crystal spectacles, your computer can now independently control what each eye sees. The results are the breathtaking world of stereoscopic vision. Add new depth to presentations, CAD/CAM, and molecular or solids modeling. Play games with more realism than ever imaginable. Software and hardware included, just plug into joystick port. $149.95
Haitex Resources, P.O. Box 20609 , Charleston, SC 29413-0609, (803) 881-7518

X-Specs 3D Amiga Dev Kit
Powerful software tools and extensive documentation for Amiga programmers that wish to master the utilization of X-Specs imagery. $49.95
Haitex Resources, P.O. Box 20609 , Charleston, SC 29413-0609, (803) 881-7518

X-Specs 3D Generic
X-Specs glasses with generic hardware interface for adapting to IBM-PC, Mac, etc. $79.95
Haitex Resources, P.O. Box 20609 , Charleston, SC 29413-0609, (803) 881-7518

X-Specs 3D Glasses
Glasses only for use with Amiga or VCR interface. $59.95
Haitex Resources, P.O. Box 20609 , Charleston, SC 29413-0609, (803) 881-7518

X-Specs TV
This latest device from Haitex Resources allows images to be recorded to video tape and then replayed with stereoscopic 3-D depth. Ideal for animation or professional presentation. Compatible with NTSC composite video ONLY and requires the use of the X-Specs 3D glasses. $169.95
Haitex Resources, P.O. Box 20609 , Charleston, SC 29413-0609, (803) 881-7518

❖ *GRAPHIC TABLETS* ❖

❷ AProDRAW® 12 x 12 inch Graphics Tablet Package
AProDraw® graphics tablets feature high resolution Summagraphics digitizing tablets with a two-button stylus, four-button puck and a multitasking driver for the Amiga. Additional program allows user to scale the tablet or screen while working to enlarge or reduce a picture. Interfaces through the serial port. Active area is 12 x 12 inches. AmigaDOS 2.0 compatible with Workbench 37.64 and Kickstart 37.175. AProDraw® 9 x 6 Inch Graphics Tablet is available for $499. AProDraw® 18 x 12 Inch Graphics Tablet is available for $999. $599.00
R & D L Productions, Inc., 40 Liss Rd., Wappingers Falls, NY 12590-1609, (914) 298-8968

◆❷ AccuPoint™ Accessory Pressure Pen
Accessory cordless pressure sensitive pen for use with DrawingBoardII Standard Model (included with Pressure Sensitive Model). Upgrades your DrawingBoardIi to FULL pressure sensitive support. You gain instant pressure compatibility with DeluxePaint IV AGA, OpalPaint and many other applications soon to be released (when used with TriMedia's AccuPoint software). Requires TriMedia/CalComp DrawingBoardII or DrawingPad tablet. $199.95
TriMedia Inc., 60 East Hintz Rd., Wheeling, IL 60090, (708) 520-0730

◆❷ AccuPoint™ TCS Software Kit
TriMedia's standard setting AccuPoint software supports both CalComp and Wacom serial interface graphics tablets. Includes FULL pressure sensitive support! You gain instant pressure compatibility with DeluxePaint IV AGA, OpalPaint and many other applications soon to be released. Accupoint brings AmigaDOS 3.0 enhanced tablet support to any Amiga running Release 2.0 and up. TriMedia developed the 'tablet.library' compatibility standard in cooperation with Commodore and Electronic Arts. Get your tablet driver from the source. Supports ALL 3.0 tablet features. Requires CalComp or Wacom tablet (check model for compatibility). $99.00
TriMedia Inc., 60 East Hintz Rd., Wheeling, IL 60090, (708) 520-0730

Amiga Wiz 6-Button Cursor
A mouse-style, six-button cursor with cross-hairs for high accuracy tracing and general pointing use. Tri-Media software included with Amiga Wiz allows assignment of button functions. Extra buttons can be assigned keyboard commands. $75.00
TriMedia Inc., 60 East Hintz Rd., Wheeling, IL 60090, (708) 520-0730

◆❷ DrawingBoard II Pressure Model / AccuPoint™
A professional, pressure sensing graphics tablet. Featuring a 12 x 12 and larger active area and an amazing 2540 line per inch resolution, the DrawingBoardII series offers the highest resolution. DrawingBoardII's advanced cordless pen provides pressure, tilt and height data to compatible applications. Combining hardware by CalComp and TriMedia's standard setting AccuPoint software, you gain instant pressure compatibility with DeluxePaint IV AGA, OpalPaint and many other applications soon to be released. Accupoint brings AmigaDOS 3.0 enhanced tablet support to any Amiga running Release 2.0 and up. Supports ALL 3.0 tablet features. Includes cordless 3-button pressure pen, corded 4-button cursor (puck), power supply, lifetime factory warranty and Accupoint software. Uses serial port (A1000 requires gender changer). 12 inch x 12 inch: $699.00. 12 inch x 18 inch: $1199.00.
TriMedia Inc., 60 East Hintz Rd., Wheeling, IL 60090, (708) 520-0730

◆❷ DrawingBoard II Standard Model / AccuPoint™
A professional, pressure sensing graphics tablet. Featuring a 12 x 12 and larger active area and an amazing 2540 line per inch resolution, the DrawingBoardII series offers the highest resolution. DrawingBoardII's advanced technology provides an upgradable 'system' tablet. You can start out with a basic corded system now, and step up to cordless and pressure sensitive operation later, just by adding the appropriate accessory pen or cursor. Combining hardware by CalComp and TriMedia's standard setting AccuPoint software, DrawingBoardII brings AmigaDOS 3.0 enhanced tablet support to any Amiga running Release 2.0 and up. Supports ALL 3.0 tablet features. Includes corded 2-button pen,, power supply, lifetime factory warranty and Accupoint software. Uses serial port (A1000 requires gender changer). 12 inch x 12 inch: $529.00. 12 inch x 18 inch: $995.00.
TriMedia Inc., 60 East Hintz Rd., Wheeling, IL 60090, (708) 520-0730

◆❷ DrawingPad / AccuPoint™
A compact pressure sensing graphics tablet. Featuring a 7.7 x 7.5 active area and 1270 line per inch resolution, Drawingpad offers the highest resolution in its class. DrawingPad's advanced cordless pen provides pressure, tilt and height data to compatible applications. Combining hardware by CalComp and TriMedia's standard setting AccuPoint software, you gain instant pressure compatibility with DeluxePaint IV AGA, OpalPaint and many other applications soon to be released. Accupoint brings AmigaDOS 3.0 enhanced tablet support to any Amiga running Release 2.0 and up. Supports ALL 3.0 tablet features. Includes cordless 3-button pressure pen, power supply, lifetime factory warranty and Accupoint software. Uses serial port (A1000 requires gender changer). $449.00
TriMedia Inc., 60 East Hintz Rd., Wheeling, IL 60090, (708) 520-0730

IS/ONE
A total input tablet for the Amiga with interface kit and programmable menu-strip featuring five Program softkeys and up to 23 function softkeys to execute batches of your pre-programmed keystrokes with one touch. Allows instant switching from application to drawing to menu picking. Available with corded cursor, cordless pen or cursor, two switch pen, or with corded 12-button cursor. Tablet sizes: 8.5 x 11, 12 x 12, 12 x 17. Also includes IS/PENCRAFT software driver. When ordering, specify Amiga Interface Kit. $525-$995.
Kurta, 3007 East Chambers, Phoenix, AZ 85040, (602) 276-5533

Wiz / AccuPoint™
A compact and affordable graphics tablet (digitizer) with a 7.5 x 7.5 active area and 1000 line per inch resolution. WIZ hardware by CalComp includes a 2-button corded pen, power supply and 5 year factory warranty. Included software features Trimedia's Accupoint tablet driver and APConfig preferences editor. APConfig's features include complete scaling control with several aspect ratio control modes, pointer button assignments, absolute or relative coordinate mode, and more. All settings are saveable as defaults. Supports multi-port serial boards. A 6-button corded cursor (puck) is optional. Requires any Amiga computer w/ AmigaDos 1.3 or greater. Uses serial port (A1000 requires gender changer). $299.00
TriMedia Inc., 60 East Hintz Rd., Wheeling, IL 60090, (708) 520-0730

◆ **Credit Card Reader**
Amigo's credit card reader accepts type 1, 2, and 3 credit card types and generates an 80 character string from the users credit card which is saved for billing. The card reader also works directly with Amigo's MediaPro 2 multimedia board or with a 5 volt power source and a standard Amiga serial port. The card reader and software is Amiga DOS 3.0 compatible. $349.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
Please see display ad p.122.

Pyramid Mouse Master Switch
This Mouse Master from Omni-Eureka is perfect for typical Amiga user who uses computer for both work and play. Automatic Joystick/Mouse switch lets user keep two devices plugged into mouse or joystick port. Choose by pressing fire button on device that you wish to use. $49.95
Micro R & D, Inc., 721 O Street, PO Box 130, Loup City, NE 68853, (308) 745-1243

◆ **XPander Built VSLOT**
Video slot expansion for any Amiga. One video slot that will enable a genlock or OpalVision card to be added to any Amiga. In Kit Form, this slot may later be added to XPander Built chassis. You use the RGB Port and the Parallel Port hookup to connect its signals to the slot. Other lines onboard to jumper needed signals, for Toasters etc. $89.00
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

❖ *KEYBOARDS* ❖

A500 Detachable Keyboard Housing
Matching white enclosure to house existing A500 keyboard. Kit includes 6-foot coiled cable for easy attachment to A500. Lifetime warranty. $59.95
Micro R & D, Inc., 721 O Street, PO Box 130, Loup City, NE 68853, (308) 745-1243

AKC-1000 Keyboard Connector
Use a standard Amiga keyboard on your Amiga 1000, or use an XT-Enhanced keyboard with the KA-1 Keyboard Adapter. Quality components, lifetime warranty. Fou use with Amiga 1000, A2000/A3000 series keyboard, or XT-Enhanced keyboard with KA-1 Adapter. Call for free brochure. $19.95
Top Secret Device, P.O. Box 4592, Lexington, KY 40544, (606) 276-3779

Concept 2000 Keyboard
For the disabled. The new Concept 2000 Keyboard attaches to the Amiga through the serial port. Simple to use software allows you to create independent overlays which will run almost all Amiga software, e.g., word processors, multimedia, etc. $420.00
Think Limited, Prudential Buildings, 46C High Street, Erdington, Birmingham, West Midlands, B23 6RH England, (011) 4421-384-4168

❷ KA-1 Enhanced Keyboard Adapter
KA-1 Series II Keyboard Adapter enables you to use the best-selling and manufactured XT-en

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hanced keyboards on the entire line of Amiga computers and CDTV. You can choose from the finest models in the industry: PC/XT/AT keyboards from Chicony, Focus, Frame, Honeywell, Wave, etc. Fully transparent. Includes molded extension, three mode selection, users manual, free 'PD' disk of goodies/utilities, one-year warranty. User configurable with standard AmigaDOS 1.3/2.0 keymaps; foreign keymaps suppported. For A2000/3000 as shipped; A500/1000 and CDTV require matching connector. Call for free brochure. $54.95
Top Secret Device, P.O. Box 4592, Lexington, KY 40544, (606) 276-3779

Touch Screen Driver
An incredibly powerful input device. Placed in front of a standard monitor, it allows you to run almost all Amiga software by touching the screen, e.g., art programs, databases, multimedia. Allows easy and direct access to software. Detached from the screen it becomes a cost-effective graphics tablet/tracing, etc. Price includes TouchWindow. $400.00
Think Limited, Prudential Buildings, 46C High Street, Erdington, Birmingham, West Midlands, B23 6RH England, (011) 4421-384-4168

❖ *LIGHT PENS* ❖

❷ The Amiga Light Pen & Driver
New push-tip switch pen with transparent driver. Allows user to choose pen, mouse, or both for hi-res precision graphics. Used directly against the screen, it's as easy to use as a pencil on paper for drawing, painting, animation, and CAD. Works with most mouse-driven Amiga software programs. NTSC. For A500/1000/2000, A3000 (with frame buffer disengaged), and A4000. AmigaDOS 1.2-3.0 compatible. $129.95
Inkwell Systems, P.O. Box 1318, Talent, OR 97540, (503) 535-1210

❖*MOUSES* ❖

Amiga Mouse
Compatible with all Amigas. $74.95
Bethesda Softworks, 1370 Picard Drive, Suite 120, Rockville, MD 20850, (301) 926-8300

BOING! Mouse
The highest quality replacement mouse for the Amiga computer. No moving parts to wear out. Comes with special, reflective mouse pad. The three buttons use advanced microswitches for superior audio & tactile feedback. Middle button compatible with X-Windows system from GfxBase. Comes with two year warranty. $125.00
BOING, 1881 Ellwell Drive, Milpitas, CA 95035, (408) 262-1469

Beetle Mouse
The Beetle Mouse is an ultra-fast, highly accurate mouse designed to fit your hand. Light weight, effortlessly glides across any mouse pad. Special curve lets your hand rest comfortably. Indented waist at base allows you to firmly grip it during movement. Has resolution of 320 dpi, allowing you to use a smaller work space. Compatible with all Amigas. Comes in a variety of colors: Red/Black, Blue/Black, Black/Black, Red/White/Blue Flag, Red/Black Lady Bug. All include a mouse pad. $39.95
Computer Basics, Inc., 1490 N. Hermitage Rd., Hermitage, PA 16148, (412) 962-0533
Please see display ad color insert.

CLM Series infra-red (IR) Cordless Mouse
CLM-MT for the Amiga features infra-red signal transmission cordless operation, and user-friendly front panel LED. Supports quick-recharging external power connector. $99.95
Alfa Data U.S., P.O. Box 6990, Champaign, IL 61826, (217) 356-1962

CSI 5500-BOING! Optical Mouse
Smooth optical mouse for all Amigas. Double the resolution of the standard mouse for better precision. Supports X-Windows, Amiga UNIX, and Workbench 2.0. The only optical mouse available for the Amiga. No moving parts to wear out and smooth mouse movement. Also includes free D.U.D.E. (Directory Utility/DOS Enhancer) software. $149.00
Centaur Software, Inc., 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

◆ Crystal Trackball
Three button tackball that replaces the standard Amiga mouse. Support for both left and right button operation with dual color shining lights. Microswitch operation with select button drag-lock support. $69.96
Alfa Data U.S., P.O. Box 6990, Champaign, IL 61826, (217) 356-1962

DP IBM Bus Mouse Interface
Lets Amiga users enjoy the durability and reliability of an IBM bus mouse. Interface provides 100-percent Amiga compatibility with the Logitech Mouseman, Microsoft Bus Mouse, Logitech Trackman, and select others. These ergonomically designed mice offer accuracy of 400 dpi and possess lifetime warranties. Interface is compatible with all game and application software, has 90-day warranty. $9.95 plus $3 S&H.
DigiPrint, P.O. Box 13016, Richmond, VA 23225, (804) 560-1769

GI-1000
Fully optical mouse with no ball for all Amiga computers. $69.00
GoldenIMAGE Technology Corp., 2657 Saturn St., BREA, CA 92621, (800) 327-4482

GI-600
Opto-mechanical replacement mouse for all Amiga computers. $49.00
GoldenIMAGE Technology Corp., 2657 Saturn St., BREA, CA 92621, (800) 327-4482

GI-7000
Cordless trackball with infrared transmission for all Amiga computers. $119.00
GoldenIMAGE Technology Corp., 2657 Saturn St., BREA, CA 92621, (800) 327-4482

Genius Mouse
A high-quality direct replacement mouse. Teflon glides for smooth movement. Rubber-coated ball for positive traction. Six-foot connecting cable and softer, more positive button clicking. $49.95
Rio Computers, 3310 Berwyck St., Las Vegas, NV 89121, (800) 782-9110

JP-100
Mouse pen for all Amiga computers. $99.00
GoldenIMAGE Technology Corp., 2657 Saturn St., BREA, CA 92621, (800) 327-4482

◆ Legend Track Ball
New ergonomic design allows you to comfortably rest your hand on the legend track ball. Ball placement allows precise control of the pointer with only the movement of your thumb. Large buttons lay beneath your fingers for easy positive response to the touch. $59.95
Computer Basics, Inc., 1490 N. Hermitage Rd., Hermitage, PA 16148, (412) 962-0533
Please see display ad color insert.

M4 Mouse
For use with Amiga 500, 1000, and 2000. $31.95
Winner Products USA Inc., 821 S. Lemon Ave., Ste. A-9, Walnut, CA 91789, (714) 595-2490

◆ Mega Mouse
Two button replacement mouse for all Amiga personal computers. Features reliable microswitch buttons and 400 DPI resolution. $39.95
Alfa Data U.S., P.O. Box 6990, Champaign, IL 61826, (217) 356-1962

◆ Mega Mouse MK-II
Basic two button replacement mouse for all Amiga Personal Computers. Features reliable micoswitch buttons and 260 DPI resolution. $34.95
Alfa Data U.S., P.O. Box 6990, Champaign, IL 61826, (217) 356-1962

Mouse Control
The latest invention/computer accessory from Advanced Image. The unit consists of a mounted, 8-inch spring holder for your mouse cord; keeps your workspace organized and tangle-free. An inexpensive alternative to a cordless mouse. $9.95
Advanced Image, 2 Townsend Road Rt. 13 S, Brookline, NH 03033, (603) 673-0212

OMM Series Opto-mechanical Mouse
OMM-MT or OMM-MT-S for the Amiga features rapid, smooth point-to-point movement, and aesthetic ergonomic design. Effortless operation with reliable micro-switch buttons. $39.95-$49.95.
Alfa Data U.S., P.O. Box 6990, Champaign, IL 61826, (217) 356-1962

OPM Series Optical Mouse
OPM-MT for the Amiga features high resolution with 600mm/sec tracking speed. Effortless finger tip operated buttons. It is fast, smooth, and accurate. $69.95
Alfa Data U.S., P.O. Box 6990, Champaign, IL 61826, (217) 356-1962

Pyramid Handy Mouse (Two-Button)
Omni-Eureka two-button Amiga replacement mouse that uses same micro switch technology as Swifty. Excellent click and feel. $34.95
Micro R & D, Inc., 721 O Street, PO Box 130, Loup City, NE 68853, (308) 745-1243

Pyramid Swifty Mouse (Three-Button)
Omni-Eureka beautiful three-button mouse that supports Amiga third button function. Quality built. Uses Omron micro switches for good click and feel, yet buttons are easy to operate. Operates at 300 DPI; you don't have to move it far to move pointer across screen. Attractive polished white plastic finish. $39.95
Micro R & D, Inc., 721 O Street, PO Box 130, Loup City, NE 68853, (308) 745-1243

RM300C Mouse
This mouse features 200 DPI and is compatible with all Amiga systems. $50.00
RocTec Electronics Inc., 170 Knowles Drive, Ste. 202, Los Gatos, CA 95030-1844, (408) 379-1713

T4 Trackball
For use with Amiga 500, 1000, or 2000. C1352 compatible. $39.95
Winner Products USA Inc., 821 S. Lemon Ave., Ste. A-9, Walnut, CA 91789, (714) 595-2490

TKB Series Trackball
TKB-MT for the Amiga has top-quality construction with opto-mechanical encoder. Stylish two-color ergonomic design. $99.95
Alfa Data U.S., P.O. Box 6990, Champaign, IL 61826, (217) 356-1962

TKB-A Series Crystal Trackball
TKB-MT-A for the Amiga is designed for easy, one-hand operation. High running stability to prevent data loss. Effortless operation with reliable micro-switch buttons. $99.95
Alfa Data U.S., P.O. Box 6990, Champaign, IL 61826, (217) 356-1962

❖ *BAR CODE* ❖

❷ BarPro/B Laser Gun
High-tech industrial-quality bar code scanning laser gun (RS-232) with full software support: software to program the intelligent gun's internal features, software to print bar code labels (BarPro/A3.0), and input handler program which lets the bar code gun scan label data directly into any Amiga software as if scanned label data were typed in on the keyboard. Input handler program also makes bar code scanning gun compatible with all existing Amiga software (SuperBase, Omega File, Best Business Management, KFS Accountant, and more, even CLI/Shell command entry via scanned labels for kiosks and other automated Amiga operation without keyboard). Scans Code39, Code93, Code25, Code128, Codabar, UPC, and EAN. Complete plug-in and go solution for all bar code data entry applications on Amigas. Emulation support for French and German keyboards available. Emulation support for French and German keyboards available. AmigaDOS 1.2, 1.3, 2.x, and 3.0 compatible. Shipping included in North America. Inquire for abroad. $1595.00
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

❷ BarPro/B Wand
High-tech industrial-quality bar code scanning wand (RS-232) with full software support: software to program the intelligent wand's internal features, software to print bar code labels (BarPro/A2.1), and input handler program which lets the

bar code wand scan label data directly into any Amiga software as if scanned label data were typed in on the keyboard. Input handler program makes the bar code scanning wand compatible with all existing Amiga software (SuperBase, spreadsheet, even CLI/Shell command entry via scanned labels). Scans Code39, Code93, Code25, Code128, Codabar, UPC, and EAN. Complete plug-it-in-and-go solution for all bar code data entry applications on Amigas. New mulation suport for French and German keyboards available. AmigaDOS 1.2, 1.3, 2.x and 3.0 compatible. Shipping included in North America. Inquire for abroad. $699.00
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

❖ *TOUCH SCREENS* ❖

Amiga Touch Driver
With the Amiga Touch Driver, users can use a touch screen for any Amiga application. Touch screen input, cursor control is as natural as pointing with one's finger. Users can selects from menus, create drawings, and manipulate windows simply by touching the screen—without reaching, orienting, or clicking a mouse. $395.00
MicroTouch Systems, Inc. , 55 Jonspin Road, Wilmington, MA 01887, (508) 694-9900

Amiga UnMouse
With the UnMouse, all you need is this innovative mouse alternative, plus your finger. No annoying mice to locate, orient, and roll. No moving parts to break. No balls to clog, skip, or clean. No moving tails to spill coffee. The UnMouse does everything a mouse can—only faster, easier, and in less space. To move the cursor, simply slide your finger over the glass surface. To make a selection, merely press down. The UnMouse also serves as an extended keyboard. Tap the large red button and you have a Power Keypad with 16 keys instantly available to execute macros (60 in advanced mode). With its one million touch points, The UnMouse also performs as a small graphics tablet. $235.00
MicroTouch Systems, Inc. , 55 Jonspin Road, Wilmington, MA 01887, (508) 694-9900

❷ EdMark Touch Window
EdMark touch window easily attaches to the front of a 13-inch or 14-inch monitor. The Touch Window comes with a touch Screen driver which works with all authoring software. The touch Window inputs touch information from the Amiga serial port (RS-232). AmigaDOS 3.0 compatible. $399.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
Please see display ad p. 122.

Future Touch Integrated Touch Screen Monitors
Monitors come with Touch Driver Program which works with all authoring software including: Info Channel, Scala, VIVA, AmigaVision, CanDo, Foundation, The Director, C.L.A.S., The Learning Curve, Elan Performer, MediaShow, and Microtext. The monitor inputs touch information to the Amiga's RS-232 or Parallel port. Customer must specify interface required, serial, parallel, or both ($29.95 option). Additional serial ports for the A2000/A3000, and A4000 are available. (Comports). The 13-inch RGB Monitor (CBM 1084S or Open Frame): $1249; 13-inch Multi Sync monitor (CBM 1960): $1595; 13-inch Multi Sync monitor (CBM 1942): $1495; 17-inch VGA Monitor (CTX-1760): $2295; 19-inch RGB Monitor (Sony PVM 2030): $2595; 19-inch RGB or Composite Open Frame Monitor:$1695; 19-inch VGA Open Frame Monitor: $2695.
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
Please see display ad p.122.

❷ GPTouch
Touch screen driver and associated asynchronous preferences program for MicroTouch Touch screens. Emulates left and right mouse operations. Several operational modes. Supports all Amiga Operating Systems on PAL/NTSC from Workbench 1.3/2.3. Connects to Touch screen via serial port and supports multiple serial boards. $200.00
GP Software, 21 Aloomba Rd,, ASHGROVE Queensland, 4060, Australia, (011) 61-7366-1402

TouchLink
Turn your Amiga monitor into a touch screen with the TouchLink. Works with any Amiga software by simulating a mouse click at the point touched. Automatic calibration setup. Connects to either mouse port or CDTV parallel port. Works with the mouse in mouse port 1. The TouchLink software and controller unit work with most analog resistive touch panels. Included touch screen is a flat, 1/8-inch-thick panel with active area of 11.25 x 8.75 inches. The molded edge panel may be attached to the front of most 14-inch monitors. $250.00
Geodesic Designs, P. O. Box 956068, Duluth, GA 30136, (404) 822-0566

◆ TruePoint CA-42
TruePoint CA-42 is a low-cost, durable touch screen monitor for Amiga-based multimedia, kiosk, training, and business applications. The TruePoint package includes the new high-resolution Commodore 1942 14-inch display, a completely integrated capacitive touch screen, controller, and the AmigaTouch Driver. $1495.00
MicroTouch Systems, Inc. , 55 Jonspin Road, Wilmington, MA 01887, (508) 694-9900

❷ UnMouse 3-inch x 5-inch Touch Tablet
MicroTouch flat surface touch tablet, 3-inch x 5-inch, for the Amiga. Amigo's custom software allows the UnMouse (MicroTouch TM) to behave similarly to a standard drawing tablet. The UnMouse serial input is converted to Amiga mouse data. Package includes UnMouse Touch Tablet, Amiga cable set, and Amigo's Future Touch Driver. AmigaDOS 3.0 compatible. $295.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
Please see display ad p. 122.

❖ *INTEGRATED MULTIMEDIA SYSTEMS* ❖

24 Hour Concierge Cabinet/Kiosk
Our attractive all-steel kiosk provides a unique and durable cabinet for displaying your multimedia presentation for public use. Kiosk design features an ergonomically-placed touch screen monitor, strategic ventilation for cool operation and stereo speaker placement, easy front door access to the Amiga computer and/or laserdisk player, and an area for an illuminated sign. $2995.00
Doss Industries, 1243 Howard Ave, Burlingame, CA 94010, (415) 347-2301

◆ CADOSCOPE
Multimedia interactive kiosk which helps customers in stores to find a gift or facilitate his choice. This program has been developed in the ESPRIT (CEE) project; an original solution. Requires an A3000/4000, touchscreen, printer and hard disk.
IMEDIA, Cap 107-67, rue Robespierre, 93558 Montreuil-Cedex, France, (011) 3314-857-5959

CrashCorrector—Amiga Watchdog
For Amiga 500, 600, 2000, 3000, 4000. CrashCorrector is an Amiga watchdog circuit that automatically reboots Amiga after a software crash. Unit comes ready to install inside the Amiga. Four test clips provide all internal Amiga connections, leaving your ports free for other uses. Source code (SAS C) for integration into custom programs. A must for BBSs, remote sites, kiosks, or any continuous use. $95.00
Geodesic Designs, P. O. Box 956068, Duluth, GA 30136, (404) 822-0566

◆ Digital MediaCaster
The Digital MediaCaster, using MPEG technology, provides full-motion video, in 24-bit color, with realtime decompression at 352 x 240 resolution and NTSC, PAL, S-Video and RGB analog outputs. Other features include scalable video for video-in-a-window, single step and slow motion playback, and reverse. The Digital MediaCaster also provides stereo MPEG audio decoding in realtime, sychronized with the MPEG video. $1295.00
Digital Micronics, Inc., 2075 Corte del Nogal, Ste N, Carlsbad, CA 92009, (619) 931-8554

Groom
The Groom is a reception system which is distributed by a computer. It is put at the strategic crossroads of hotel receptions, training centers, and large companies. The Groom quickly and efficiently directs visitors, trainees, and guests. The Groom uses the graphic and animation possibilities of the Amiga, is user-friendly, and can be easily updated. Available for PAL, AmigaDOS 1.3 compatible. Price: 150,000FF.
IMEDIA, Cap 107-67, rue Robespierre, 93558 Montreuil-Cedex, France, (011) 3314-857-5959

IllumiLink 3.0
IllumiLink is similar to AirLink, but has the added capability of turning any wireless phone or other touch tone (DTMF) source into a remote Amiga command center. Great for live multimedia presentations. Use as a remote mouse. It connects to the second mouse port. Contains an IR receiver, IR transmitter, and DMTF tone decoder. Phone keys may be programmed for mouse mode, mouse/menu/key selections, ARexx, MIDI, serial bytes, parallel signals, or IR commands. Works as Amiga interface for 'security gate' keypads. Use a wireless phone as highly reliable remote controller for your Video Toaster or other multimedia presentation system. $100.00
Geodesic Designs, P. O. Box 956068, Duluth, GA 30136, (404) 822-0566

◆ InfoChannel Systems
This system provides great visual attraction, with high-quality graphics, photo realistic pictures, motion, sound, animation, video, and interactivity. From a single master station you can control and coordinate distribution of full multimedia events (electronic billboards and interactive touchscreen kiosks) to any number of remote display stations. Information is transferred to remote receivers by wire (closed circuit_ including ethernet, by standard telephone lines and modems, or by satellite communication.
Design Mirage, Inc., 141 West Beaver Ave., Suite #9, State College, PA 16801, (814) 238-6621

Infrared Command Center URC-3000
URC-3000 is a Universal Electronics Inc. product sold as an enhancement for AIR window users. It receives IR codes and converts them to X-10 PowerHouse codes. This control panel device can be operated manually or by any 'One For All' universal remote controller. Up to 16 different X-10 modules can be controlled with ON, OFF, DIM, or BRIGHT. The AIR window for this device is included with AirLink package. AirLink users can control X-10 devices via ARexx without tying up any Amiga ports. $40.00
Geodesic Designs, P. O. Box 956068, Duluth, GA 30136, (404) 822-0566

Interactive Information System
This sytem utilizes a computer system that allows the random access of information using a touchscreen monitor or a keypad. Presentations consist of slide-shows and can incorporate music, narration, and animation to add visual impact and help illustrate concepts. This system is used for more complex interactive multimedia applications which require the capability to handle tasks other than the random access of presentations. $3032.00
Design Mirage, Inc., 141 West Beaver Ave., Suite #9, State College, PA 16801, (814) 238-6621

Interactive Video System 1
This system utilizes a video disc player with a video disc which will enable the random access of presentations contained on the video disc. Presentations are randomly accessed using the player remote and can consist of video or slide-shows. The slide-show presentations can incorporate music, narration, and animation to add to visual impact and help illustrate concepts. $1886.00
Design Mirage, Inc., 141 West Beaver Ave., Suite #9, State College, PA 16801, (814) 238-6621

◆ Interactive Video System 2
This system utilizes a video disk player with a controller that allows for the random access of presentations contained on the video disk. Presentations are randomly accessed using touchscreen monitor or a keypad. Presentations consist of video or slide-shows. The slide-show presentations can incorporate music, narration, and animation to add to visual impact and help illustrate concepts. $3667.00
Design Mirage, Inc., 141 West Beaver Ave., Suite #9, State College, PA 16801, (814) 238-6621

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Intercative Video and Information Systems
This system is identical to the Interactive Information System except that it incorporates a video disk player which allows for the random access of video presentations. $5005.00
Design Mirage, Inc., 141 West Beaver Ave., Suite #9, State College, PA 16801, (814) 238-6621

Kiosk
Attractive customized kiosk. You select the color. Designed to house all needed hardware components for all levels of interactive multimedia systems. The kiosk is a self-contained dolly, just tilt it back and wheel it in and out of your various presentation locations. Call for more information. $1575.00
Design Mirage, Inc., 141 West Beaver Ave., Suite #9, State College, PA 16801, (814) 238-6621

Kiosk Printer
A printer that can be housed within a kiosk. $1826.00
Design Mirage, Inc., 141 West Beaver Ave., Suite #9, State College, PA 16801, (814) 238-6621

Kiosk-Economy Directory
The Economy Directory stands four feet tall and is Amigo's lowest cost interactive Multimedia kiosk. Kiosk contains surge protector, A1200 CPU, 2.0MB RAM, AmigaVision, and 13-inch stereo Color Touchscreen monitor. $2595.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
Please see display ad p. 122.

Kiosk-Exhibitor
Amigo's Exhibitor is a four-foot stand-alone kiosk for computer based training and other interactive multimedia applications. Kiosk contains surge protector, wiring harnesses, A1200 14MHz with 6MB RAM, 3.5-inch floppy, 80MB hard drive, stereo speaker system, SuperGen genlock, 13-inch or 19-inch Color Touchscreen Monitor, and Pioneer LDV-2000 Laser Disc Player. Scala Multimedia, DeluxePaint IV, diagnostic software, touchscreen driver and laser player driver are included. Exhibitor Plus comes with an Amiga 4000-030 25MHz CPU, SuperGen Genlock, 120MB hard drive, and 8M RAM for $6195. $5495.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
Please see display ad p. 122.

Kiosk-Multimedia
Integrated Multimedia Kiosk. Amigo offers the lowest cost implementation of a fully configured stand-alone, interactive, multimedia kiosk. Seven-foot high public information kiosk contains surge protector, wire harnesses, A4000-030-25MHz with 6MB RAM, 3.5-inch floppy, 120MB hard drive, Stereo Speaker System, A2300 Genlock, 19-inch color touchscreen monitor, and Pioneer LD-V2000 Laser Disc Player. Scala Multimedia, DeluxePaint IV, diagnostic software, touchscreen driver and laser player driver are included. $5995.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
Please see display ad p. 122.

◆ **Mitsubishi Touch-screen Monitors**
Mitsubishi Touch-screen monitors: 13, 16, and 19-inch. 13-inch—$2063. 16-inch—$2993. 19-inch—$4013.
Design Mirage, Inc., 141 West Beaver Ave., Suite #9, State College, PA 16801, (814) 238-6621

◆ **MultiMedia Board Set**
Amigo's new MultiMedia board set, MediaPro 2 and AudioPro 2 adds a 2400 Baud modem, audio amplifier mix and control functions, a touch screen interface and additional ports for a card reader, and printer to Amiga A2000, A3000 and A4000 computers. Amiga DOS 3.0 compatible. $999.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
Please see display ad p. 122.

PowerMid PM5900
PowerMid PM5900 is an X-10 (USA) Inc. product sold by Geodesic as an enhancement for AIR Window users. The PowerMid PM5900 is a pair of 4-inch high pyramids, one IR to RF transmitter unit, and one RF Receiver to super bright IR unit. Enables IR signals to be distributed throughout a building via radio waves. Use your remote controllers from any room in the house. $50.00
Geodesic Designs, P. O. Box 956068, Duluth, GA 30136, (404) 822-0566

Production Services
Design Mirage provides production services for all types and levels of interactive multimedia systems. We have produced systems for hospitals, the defense industry, trade shows and exhibits, and a variety of other applications. Call today for more information on our production services.
Design Mirage, Inc., 141 West Beaver Ave., Suite #9, State College, PA 16801, (814) 238-6621

◆ **SITUMED**
Multimedia kiosk of information and directing visitor into the hospital. Sounds and picture allows the user to find his way or the information he needs about doctors. At the end he receives an itinerary printed with all the information already seen at the screen. Requires A600 or 3000 with touchscreen, printer and hard disk.
IMEDIA, Cap 107-67, rue Robespierre, 93558 Montreuil-Cedex, France, (011) 3314-857-5959

TV Tools
TV Tools is a global multimedia communication system. It can display images in Amiga or 32-bit format with video effects, play animations, command MIDI, video disk and VTR, control modem transmissions in RTC, RNIS, NUMERIS, TRANSPAC, or by satellite. TV Tools takes full advantage of the Amiga's multi-tasking capability. TV Com, the transmission module of TV Tools, is available separately. NTSC/PAL. UK Sterling £1600.
Amiga Centre Scotland, Harlequin House, Walkerburn, Peeblesshire, EH43 6A2 Scotland, (011) 4489-687-583

◆ **VideoMaster**
Integrated personal multimedia Video and Audio sampler for the Amiga 500. Digitize monochrome, grey scale, or color images at up to 30fps and combine them with sound from the integrated sound sampler. Easy-to-use editing and video sequencing software allows the easy creation of your personal video movies complete with sound. For the amiga 500/500+. $139.95
Oregon Research, 16200 SW Pacific Hwy, Suite 162, Tigard, OR 97224, (503) 620-4919

Vistem
Visitor location and information and directory system. For use in hospitals, theme parks, hotels, visitor information stations, and corporate centers. Call for more information.
Design Mirage, Inc., 141 West Beaver Ave., Suite #9, State College, PA 16801, (814) 238-6621

❖ *MODEMS* ❖

1670 Stand-Alone Interface
Our 1670 Stand-Alone Interface allows you to use the Commodore 1670 modem on all Amiga machines. Powers itself and 1670, has 3-foot cable, status LED's, on/off switch, and modem reset switch. Can be used on any computer that has RS-232 serial port. The 1670 Stand-Alone Interface comes with complete instructions and is easy to set up and use. $44.95
LRA Enterprises, 35615 Avenue D, Yucaipa, CA 92399

Minimodem-AM24
2400 baud modem specifically built for A500 and A2000. Powered from Amiga serial port. Includes self test, built-in speaker, and status LEDs. Complete with terminal software, phone cord, and serial cable. Compatible with phone systems worldwide. $79.95
APROTEK, 9323 West Evans Creek Road, Rogue River, OR 97537, (503) 582-2120

Supra Modem 2400
2400 baud modem. Hayes-compatible with AT commands and common protocols. Features non-volatile memory, and more. Five-year warranty. $149.95
Supra Corporation, 7101 Supra Drive SW, Albany, OR 97321, (800) 727-8772

Supra Modem 2400 Plus
Supra Modem 2400 Plus adds MNP levels 2-5 & CC1TT V.42-bis error correction & data compression protocols to standard Supra Modem 2400 features. These protocols let the user get up to 9600 baud, error-free throughput when communicating with modems with the same protocols. Five year warranty. $179.95
Supra Corporation, 7101 Supra Drive SW, Albany, OR 97321, (800) 727-8772

Supra Modem 2400 zi Plus
Includes ATalk III software. Internal 1/2 card 2400 baud modem for A2000. Hayes-compatible. That features non-volatile memory, and more. Supports up to five modems per computer. Adds MNP levels 2-5 and CCITT v.42-bis error corrections and data compression. Five-year warranty. $199.95
Supra Corporation, 7101 Supra Drive SW, Albany, OR 97321, (800) 727-8772

❖ *MONITORS* ❖

1084S Monitor
RGB/composite color maximizes your computer's video capabilities. High resolution, sharp image, superior color, and stereo sound. Compatible with C64, C128, and entire Amiga line. Also compatible with VCR and television tuners. Hue, brightness, contrast, sharpness, and volume controls in front. Built-in stereo amplifier, speaker, and earphone jack. Analog RGB, Digital RGBI, NTSC composite, audio, and separate Luna/Chroma. $388.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ **1942 Color Multiscan Monitor**
Analog RGB (15.75KHz) and VGA (31.5KHz) scan modes with .28 dot pitch. Built-in stereo amplifier, left and right speakers, swivel-tilt base. $479.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

PanaSync C1381
The Panasonic PanaSync C1381 offers the high-resolution color display of IBM's 8514/A video adaptor. Panasonic has aggressively positioned the PanaSync C1381 to provide business users with the industry's first affordable color display option. Features include: up-front controls, non-glare screen, and tilt-and-swivel stand. $699.00
Panasonic Communications & Systems Company , Two Panasonic Way, Secaucus, NJ 07094

Sony CPD-1604S Multiscan Monitor
A 17-inch color multiscan monitor that provides a high resolution, up to 1024 x 768. Display features a 0.25mm Super Fine pitch aperture grille and features low magnetic emission technology. Trinitron picture tube technology delivers a clear, sharp color image. Text is crisper and easier to read, especially with small type. $1699.95
Sony of America, Sony Drive, Park Ridge, NJ 07656, (201) 930-1000

❖ *MONITOR ACCESSORIES* ❖

FLICKER MASTER
The low-cost solution to interlace flicker. FLICKER MASTER is a filter screen 10.5-inch x 13.5-inch (26.7 cm x 34.3 cm) that attaches to the face of your monitor with four velcro pads, allowing easy removal for cleaning. Improves contrast of your display in all modes, but is especially helpful in reducing flicker in the interlace display modes. A great companion to your video, CAD, graphics, or publishing programs. Very helpful on PAL systems. Works on any 13- or 14-inch monitor that has enough flat surface to allow the 1-inch velcro pads to stick. Distribution in USA, Europe, Australia. $17.95
Hutchinson Companies, 110 W. Arrowdale, Houston, TX 77037-3801, (713) 448-6143

Maximum™ by Glare/Guard®
Maximum protection for your eyes. Combats eyestrain, blurred vision, headaches, stress and fatigue. Cuts glare over 99% with two-side antiglare coating. Increases display contrast 3 times more than an unfiltered screen. Optical quality glass maintains superior resolution. Eliminates perceived screen flicker. Also eliminates 98% of ELF/VLF electric feild radiation. $109.00
Optical Coating Laboratory Inc (OCLI), 2789 Northpoint Parkway, Santa Rosa, CA 95407-7397, (800) 545-OCLI (6254)

RGB-Monitor-Cable
RGB monitor cable. We manufacture any length and pin-out for any known RGB monitor to be used with an Amiga. NTSC/PAL, A-Max II. Workbench 2.0 compatible. From $35.
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

SoftTouch™
SoftTouch is a part of OCLI's GlareWare accessory line for computers. SoftTouch is a lint-free, hand-selected natural chamois specially prepared for cleaning fine optical surfaces. SoftTouch is enclosed in every Glare/Guard® Professional Plus™ box, and is also available as a separate item. $5.95
Optical Coating Laboratory Inc (OCLI), 2789 Northpoint Parkway, Santa Rosa, CA 95407-7397, (800) 545-OCLI (6254)

Standard™ by Glare/Guard®
Superior protection for your eyes. Combats eyestrain, blurred vision, headaches, stress and fatigue. Cuts glare over 95%. Increases display contrast 3 times more than an unfiltered screen. Optical quality glass maintains superior resolution. Eliminates perceived screen flicker. $65.00
Optical Coating Laboratory Inc (OCLI), 2789 Northpoint Parkway, Santa Rosa, CA 95407-7397, (800) 545-OCLI (6254)

◆ **Sync Strainer**
The Sync Strainer allows the use of manu multisync monitors when in the genlock mode. The sync Strainer sits passively waiting for the Amiga to go into the genlock mode, then automatically switches into the circuit, providing regenerated H-sync and V-sync signals. It always buffers the H- and V-sync signals, replacing the current Commodore-supplied adapter. The Sync Strainer attaches directly onto the Amiga's 23-pin Video Port connector. The monitor must be capable of 15KHz operation. $59.95
PreVue Technologies, P.O. Box 907, Monterey, , CA 93942, (408) 372-6192

TTL-Monitor-Cable
TTL monitor cable for any Amiga. Plugs into the RGB port; allows you to use most of the minor flickering black and white TTL monitors. Also known as b/w Hercules Monitor (Commodore 1402). NTSC/PAL, A-Max II. English/French/German manual. Workbench 2.0 compatible. $39.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

TTL-Monitor-Y-Cable
TTL monitor cable for any Amiga. Plugs into the RGB port; allows you to use most of the minor flickering black and white TTL monitors. Also known as b/w Hercules Monitor (Commodore 1402). Simultaneously runs any RGB monitor. NTSC/PAL, A-Max II. English/French/German manual. Workbench 2.0 compatible. $59.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

VGA-Monitor-Cable
VGA monitor cable. We manufacture any length and pin-out for any known VGA monitor to be used with an Amiga. Send us the pin-out of your monitor. NTSC/PAL, A-Max II. Workbench 2.0 compatible. From $39.
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

VGA-Switch
VGA switch buffered to switch between Amiga RGB and a VGA PC video card. NTSC/PAL. English/French/German manual. Workbench 2.0 compatible. $95.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

VOPEX-3A12H
A video splitter that allows 12 monitors to be attached to a single computer. With 230MHz bandwidth, the highest resolution monitors will display an image as crisp as the original. This unit can handle displays up to 1500 by 1500 resolution. All connectors are female BNC. Monitors can be placed up to 500 feet away by utilizing coax extension cables. Amiga interface cable available for an additional $20.00. One year warranty. $2100.00
Network Technologies Incorporated, 275 Danner Drive, Aurora, OH 44202, (216) 562-7070

XTRACTOR+
New tool offers serious challenge to more conventional tools that are twice the price. Combination chip puller/torx screwdriver. Pulls both PLCC and DIP chips. Torx #10 screwdriver allows for problem-free entry into motherboard. No more broken chips or sockets. $12.95 with Torx; $9.95 without Torx.
Better Concepts, 22 N. Main St, Ste 393, New City, NY 10956, (800) 25-AMIGA

◆ **vortex Monitor Master**
Small external box connecting both an EGA/VGA graphics card and the Amiga video output with just one Multisync monitor. External connector for Monitor Master is integrated on both Golden Gate 386SX and 486LC. $128.00
vortex Computersysteme Distributed by: GMR Productions, 3835 Richmond Ave., Suite 138, Staten Island, NY 10312, (718) 967-1509

❖ *NETWORKING* ❖

◆ **A2066**
A2066 is a high performance ethernet product for all Amiga Zorro backplane systems. The A2066 utilizes state of the art technology with over 25% performance improvement over existing products. The board features AVI, cheapnet and IObaset interfaces for maximum media flexibility. Other features include support for boot ROMs and status indicators for diagnostics. Compatible with all major software. Requires A2000/3000/4000. $349.00
Ameristar Technologies, Inc., 47 Whittier Avenue, Medford, NY 11763, (516) 698-0834

❷ **ARNIS**
ARNIS is a network operating system for Amigas, based on the UNIX protocol UUCP. Its functions are electronic mail, remote file copy, remote process launching, remote shell access (maintenance), electronic news, installation and configurations models, and differed launching of remote commands. ARNIS offers a high quality of graphic interface. All the actions are done through icons, menus, and limited keyboarding zones. NTSC or PAL, AmigaDOS 2.0 compatible. Price: 2500FF.
IMEDIA, Cap 107-67, rue Robespierre, 93558 Montreuil-Cedex, France, (011) 3314-857-5959

AS225 Network Communications Software
TCP/IP and UDP/IP Protocol support for Department of Defense and other TCP/IP Network applications. Network File System Client Application Support. VT100 Network Terminal Emulation. Supports LEthernet solutions based on both Thick and Thin Ethernet (Cheapernet). Requires 1MB RAM. $199.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

❷ **Alan-FS**
Allows Amiga computers to be connected together via A2065 Ethernet LAN Board and AS-225 to form a network environment. Alan-FS provides either client/server or peer-to-peer access to any device conforming to AmigaDOS packet interface for IPC. Alan-FS is sold as a site license, for unlimited use at one physical location. Requires AmigaDOS 2.0, AS-225, A-2065. $500 Canadian.
Canadian Prototype Replicas, P.O. Box 8, Breslau, Ontario, Canada N0B 1M0, (519) 884-4412

Amiga Client Software for Novell NetWare
ACS adapts any standard Novell NetWare network to allow Amiga computers to act as workstations or clients. ACS can be added to any existing Novell NetWare system running Version 2.15 or higher. Amiga users enjoy all the network capabilities available to IBM and Macintosh workstations. Users receive their own personal set of Amiga Preferences—including network printing preferences—automatically when they login from any Amiga on the network. Priced from $199 for one Amiga workstation to $1,799 for 50 Amiga computers on Novell NetWare network. Larger network configurations available. Australian distributor: GP Software (see Vendor Information).
Oxxi, Inc., P.O. Box 90309, Long Beach, CA 90809-0309, (310) 427-1227
Please see display ad insert.

Amiga Ethernet Network Adapter (A2065)
Ethernet Network Adapter for the Amiga 2000 and 3000 series. $331.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

❷ **Amigo ArcNet**
Amigo's ArcNet package includes hardware and software to provide Arcnet Local Area Peer-to-Peer networking with Commodore's Arcnet Network Interface Adapter A2060 for the A2000, A3000, or A4000. The software provides bi-directional communication for up to 255 Amiga computers. The Amigo ArcNet package consists of software and hardware for one computer. A package is required for each computer on the Network. AmigaDOS 3.0 compatible. $350.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
Please see display ad p. 122.

❷ **Amigo EtherNet**
Amigo EtherNet software is designed to provide Ethernet Local Area Peer-to-Peer networking with Commodore's Ethernet Network Interface Adapters: A2065 for the A2000 or A3000. The software provides bi-directional communication for up to 16 million Amiga computers on Commodore's Ethernet Network Adapters. The AmigoEtherNet package consists of software for three computers on the network. Extra software is $100 per node. Site licenses available. AmigaDOS 3.0 compatible. $325.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
Please see display ad p. 122.

❷ **Amigo MultiNet**
Parallel port networking software and hardware for the family of Amiga Computers. The software is designed to provide bi-directional communication for up to 16 Amiga computers on the parallel port. Package consists of software, and a buffer for daisy chaining two computers on the parallel port. Tee connectors are available to add additional computers to the network, $35. Additional buffers may be added to allow for increased cable distance between them, $50. AmigaDOS 3.0 compatible. $250.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
Please see display ad p. 122.

◆ **Amigo PCMCIA Ethernet Adapter**
Amigo's PCMCIA Ethernet adapter is designed to provide Ethernet local peer-to-peer networking on the PCMCIA slots of A600 and A1200 computers. The adapter works with Amigo's network software and adapters from CBM and ASDG. One PCMCIA adapter is $419.00. Amiga DOS 3.0 compatible. $419.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
Please see display ad p. 122.

❷ **Amigo SerNet**
Serial port networking software for the family of Amiga computers. The software is designed to be used on the serial port of all Amigas and the computers may be networked with Amigo's comports serial port expansion (eight channels) card Comports on an Amiga 2000, 3000, or 4000 and Amigo's PCMCIA serial expansion on A600 or A1200. AmigaDOS 3.0 compatible. SerNet is designed for null modem use. $250.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
Please see display ad p. 122.

CAL 032 Superlink
A2000 interface internal plug-in card. Supplied with CatenaNet software, which provides a print spooler, access to remote files and peripherals, and interworks with SimpleNet. Price unavailable.
Nine Tiles, 25 Greenside, Waterbeach, Cambridge, England CB5 9HW, (011) 4422-386-2125

CAL 042 Superlink
A500 interface. Plugs into expansion connector on side of A500. Supplied with CatenaNet software. Price unavailable.
Nine Tiles, 25 Greenside, Waterbeach, Cambridge, England CB5 9HW, (011) 4422-386-2125

◆ **EB920 Ethernet Board (Lan Rover)**
Thin Ethernet (Cheapernet) expansion hardware for Amiga 2000 through 4000 series computers. The same high-quality board that ASDG has been

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supplying to the high-end integrators is now available to the rest of the world. Software packages are sold seperately. Call ASDG to find out what networking software is currently available. $349.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

◆ **The I-Card™**
The I-Card offers the first professional networking solution for both the Amiga 600 and Amiga 1200 computers. Utilizing the PCMCIA slot, which comes standard on both of these models, the I-Card provides 10-Base-2 (coax cable with BNC connectors) as well as the 10-Base-T (twisted pair) connections, making it easy to interface with existing networks. The I-Card is ideal for Kiosks applications, schools, SCALA presentations and any other application where having a low cost, high performance AGA computer, like the A1200 is important. Requires AmigaDOS 2.0 or higher, SANA-II compliant network software, a PCMCIA slot. $299.00
Interworks, 43191 Camino Casillas, Suite B2469, Temecula, CA 92592-3714, (909) 699-8120
Please see display ad CIII.

❖ *PORT EXPANSION* ❖

◆ **Amigo PCMCIA Serial Communications Adapter**
Amigo's PCMCIA serial adapter is designed to add multiple serial ports on the PCMCIA slots of Amiga 600 and 1200 computers. The package comes with software which provides additional serial ports for modems, credit card readers, motion detectors, printer, touch screen etc. Amiga DOS 3.0 compatible. $249.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
Please see display ad p. 122.

Comports 8, RS-232 Communications Interface
Comports is an eight channel serial expander for the A2000, A3000, or A4000. It enables the computer to function as a true multitasking workstation supporting devices which work with RS-232 serial ports such as modems, laser discs, video equipment printers, tablets, etc. The communications compatiblility list includes all programs which call the Amiga's Serial Device and other programs which use the board's advanced communication features. Upgrades to support full MIDI are available. Various breakout boxes/cabling arrangements are available. AmigaDOS 3.0 compatible. $479.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
Please see display ad p. 122.

Dual Serial Board
The DSB adds two RS232 expansion serial ports to ZorroII slot equipped Amigas. Reliable operation at all standard RS232 baud rates from 110 to 115,200 baud, with full XON/XOFF or RTS/CTS hand shake support. Requires Zorro II slot. $299.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

IO Extender for A2000/A3000/A4000
With two high-speed multifunctional serial ports and one bidirectional parallel port that is Amiga or IBM configurable, this board allows almost unlimited connection possibilities. The 16-byte serial port hardware buffers prevent data loss even at very high baud rates. Built-in Amiga ports can be left free for other uses. Optional MIDI expansion box allows up to two 16-channel MIDI buses. Optional connector available for future expansion. $199.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

M-Digit
M-Digit is an audio digitizer to be used with any standard audio digitizer software, for example, Audio Master from AEGIS. Runs at any speed. NTSC/PAL. English/French/German manual. For A500, 2000, and 3000—A1000 on request. Workbench 2.0 compatible. $56.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

Microshare MCS 1050
The MC5 1050 interface is an external device that converts the Amiga's centronics (parallel) port signals into IEEE-488. No software is required and the unit is fully user transparent. Allows connection of Commodore PET or any other IEEE printer. For any Amiga, any OS. One-year warranty. $239.95
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

MultiStart II
Allows A500 and A2000 owners to install multiple Kickstart ROMs in their computer. Lets you switch between ROMs with the keyboard. This version is compatible with all A2000 and A500 versions, including the A500 Plus. The MultiStart II is compatible with most internal accelerators for the A500 and A2000. No external wires or switches required. Price listed for the MultiStart II without ROMs. $29.95
DKB Software, 50240 West Pontiac Trail, Wixom, MI 48393, (313) 960-8750 support

PPA-1000
Allows use of A500,A2000,A3000 specific peripherals on A1000. Works with Digi-View and Digi-View Gold, Perfect Sound Audio Digitizers, PP&S Framegrabber, printer cables, and virtually any device that uses the parallel port. $15.95
Luna Tech, Inc., 3667 Lalani Way, Sarasota, FL 34232, (813) 378-5791

PPA-2000
Allows use of A1000 peripherals on A500, A2000, A3000. Works with Digi-View, Digi-View Gold, Perfect Sound Audio Digitizers, PP&S Framegrabber, printer cables, and virtually any device that uses parallel port. $15.95
Luna Tech, Inc., 3667 Lalani Way, Sarasota, FL 34232, (813) 378-5791

Parallel Port Adapters
These adapt the A1000 to A500/2000 parallel port and vice versa. Separate product for each conversion. $20.00
Phoenix Microtechnologies Pty. Ltd., 18 Hampton Road, Keswick, South Australia 5035, (011) 618-293-8752

Printer-Y-Cable
Printer-Y-Cable replaces the dangerous switches. Two computers run one printer. Print job: first come, first served. Can be cascaded. English/French/German manual. Workbench 2.0 compatible. $65.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

Slingshot
New adapter board for A500 and A1000 makes it a snap to use A2000 cards. Slingshot slips onto A500 expansion port; converts it into 100-pin A2000 slot ready for that special hard drive controller, memory expansion, or multi serial port board. For A500/1000. $39.95
Micro R & D, Inc., 721 O Street, PO Box 130, Loup City, NE 68853, (308) 745-1243

VCR 8, 8 Channel VCR Controller Interface
VCR 8 is an eight-channel VCR controller for the Amiga 2000, 3000, and 4000. Enables the computer to control up to eight external VCRs. Currently a Scala/Infochannel a software driver is available to control eight Panasonic AG1000B VCRs and a PESA switching matrix. Other VCR drivers being developed. AmigaDOS 3.0 compatible. $899.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
Please see display ad p. 122.

VOPEX 2V/4V/8V/16V
These video port expanders enable 2,4,8, or 16 VGA monitors to be driven by a single PC or VGA-compatible Amiga, allowing the same high quality image to be displayed in multiple locations. Operating distance for all monitors can be extended up to 500 ft for VGA and 250 ft for SVGA or XGA using our VEXT-xx cables. Ideal for presentations or classrooms. Priced from $285—$1,250.
Network Technologies Incorporated, 275 Danner Drive, Aurora, OH 44202, (216) 562-7070

❖ *PRINTERS* ❖

Canon BJ300/330 Printer Driver
Fastest, most efficient Canon BJ driver. Works for all Canon BJ series from BJ10-BJ330. Supports printer densities up to 360 x 360 dpi. Compatible with PageStream and Professional Page. 50 Australian dollars.
GP Software, 21 Aloomba Rd,, ASHGROVE Queensland, 4060, Australia, (011) 61-7366-1402

Canon BJC800 Color Printer Driver
Amiga printer driver for Canon BJC800 full-color A3 bubblejet printer. Supports densities up to 360 x 360 dpi. Prints 24-bit color with AdPro. 100 Australian dollars.
GP Software, 21 Aloomba Rd,, ASHGROVE Queensland, 4060, Australia, (011) 61-7366-1402

Canon FP510 Color InkJet Printer Driver
Amiga printer driver for Canon FP510 full-color inkjet printer. Supports gamma correction of printed image for computer graphics, video capture, and scanner input. Price on application.
GP Software, 21 Aloomba Rd,, ASHGROVE Queensland, 4060, Australia, (011) 61-7366-1402

ColorPage Plus Printer
Full-color 300 dpi printer uses thermal process for bright, sharp color prints up to 11 x 17 inches. Print IFF24 files using AdPro 2.0. Produce overhead transparencies for business presentations. Make T-shirt transfers for fun and profit. For all Amigas (A1000 requires adapter). Requires 1M RAM, minimum 5M (hard disk or RAM), accelerator recommended. $8995.00
Prime Option, 2341 W. 205th St. Ste.116, Torrance, CA 90501, (310) 618-0274

ColorPage Printer
Full-color 300 dpi printer uses thermal process for bright, sharp color prints up to 8.5 x 12 inches. Print IFF24 files using AdPro 2.0. Produce overhead transparencies for business presentations. Make T-shirt transfers for fun and profit. For all Amigas (A1000 requires adapter). Requires 1MB RAM, minimum 5M (hard disk or RAM), accelerator recommended. Price: $3495. ColorPage Printer with ImageMaster PostScript RIP & 16M: $4995.
Prime Option, 2341 W. 205th St. Ste.116, Torrance, CA 90501, (310) 618-0274

ColorRight w/ImageMaster PostScript RIP & 16M
Full 24-bit color 300 dpi dye sublimation printer produces true photographic-quality prints up to 8.5 x 12.3 inches image size. $10995.00
Prime Option, 2341 W. 205th St. Ste.116, Torrance, CA 90501, (310) 618-0274

DeskJet
A 300 dpi monochrome ink jet printer. Print quality just short of laser quality.
Hewlett-Packard Company, 16399 W. Bernardo Drive, San Diego, CA 92127-1899, (619) 592-4676

DeskJet PLUS
An updated version of the DeskJet, offers 300 dpi monochrome, ink jet printing. This serial printer prints at 120 cps offering graphics at one to two minutes per page. The DeskJet PLUS offers better paper handling and faster processing than the original DeskJet.
Hewlett-Packard Company, 16399 W. Bernardo Drive, San Diego, CA 92127-1899, (619) 592-4676

Enhanced Sharp JX-730 Printer Driver with palettes, Version 2.0
The Amiga printer driver is for use with the Sharp JX-730 color Ink-Jet Printer. The printed output can be varied from light to dark using the density control in Preferences. Density 1 produces the lightest printout, while density 7 produces the darkest printout. This driver is internally color-corrected and no longer requires using color correction in Preferences. Colors are processed so that printed colors are better matched to screen colors (i.e., blue on screen prints as blue on paper, not as purple). Four Workbench 1.3- and 2.0-compatible drivers are included on the disk with palettes and sample pictures. Price includes shipping and handling in the U.S. $34.95
GlassCanvas Productions, Inc. , P.O. Box 6171, Boston, MA 02114, (617) 367-3229

Miscellaneous Hardware

Enhanced Tektronix ColorQuick Printer Driver with palettes or pictures, Version 1.01
The Amiga printer driver is for use with the Tektronix ColorQuick Color Ink-jet Printer. The printed output can be varied from light to dark using density control in Preferences. Density 1 produces the lightest printout, while density 7 produces the darkest printout. This driver is internally color-corrected and no longer requires using color correction in Preferences. Colors are processed so that printed colors are better matched to screen colors (blue on screen prints as blue on paper, not purple). Four Workbench 1.3 and 2.0 compatible drivers are included on the disk with palettes and sample pictures. Price includes shipping and handling in the U.S. $34.95
GlassCanvas Productions, Inc. , P.O. Box 6171, Boston, MA 02114, (617) 367-3229

Enhanced Xerox 4020 Printer Driver with palettes or pictures, Version 2.01
The Amiga printer driver is for use with the Xerox 4020 Color Ink-jet Printer. The printed output can be varied from light to dark using density control in Preferences. Density 1 produces the lightest printout, while density 7 produces the darkest printout. This driver is internally color-corrected and no longer requires using color correction in Preferences. Colors are processed so that printed colors are better matched to screen colors (blue on screen prints as blue on paper, not purple). Four Workbench 1.3 and 2.0 compatible drivers are included on the disk with palettes and sample pictures. Price includes shipping and handling in the U.S. $34.95
GlassCanvas Productions, Inc. , P.O. Box 6171, Boston, MA 02114, (617) 367-3229

KODAK SV6510 Driver
The KODAK SV6510 is a 24 bit-per-pixel dye sublimation printer which creates prints measuring 4 x 5 inches in size. This driver completely integrates the KODAK SV6510 into Art Department Professional. Any image which can be loaded into or created within ADPro can be quickly sent to the SV6510. Requires ADPro and a KODAK SV6510 printer. $250.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

KX-P4420 Laser Printer
The new KX-P4420 laser printer is a low-cost printing solution that fills the bill by combining price and performance, and represents one of the best values for the small business and home professional markets. It offers exceptional print quality, quiet operation, and speed. $1395.00
Panasonic Communications & Systems Company , Two Panasonic Way, Secaucus, NJ 07094

LaserPrinter 4
Four-page-per-minute laser printer which incorporates RISC-based processor for faster throughput speed. Full compatibility with HP LaserJet IIP, both hardware and software. Has 1MB standard memory, expandable up to 5MB. Comes bundled with Turbo25 font cartridge offering 151 fonts. Two-year limited warranty. $1395.00
Star Micronics America, 420 Lexington Ave, Ste 2702, New York, NY 10170, (212) 986-6770

LaserPrinter 4 Starscript
Four-page-per-minute, PostScript compatible laser printer with parallel, RS-232C serial and AppleTalk interfaces. 2MB standard RAM, 35 resident outline fonts. RISC-based processor enables high-speed throughput of complex graphics. Two-year limited warranty. $1995.00
Star Micronics America, 420 Lexington Ave, Ste 2702, New York, NY 10170, (212) 986-6770

NX-1001 Multi-Font
A 9-pin dot matrix printer that offers draft printing speed of 180 characters/second and near letter-quality speed up to 75 characters/second. Five resident fonts and convenient paper handling including paper parking. Two-year limited warranty. $229.00
Star Micronics America, 420 Lexington Ave, Ste 2702, New York, NY 10170, (212) 986-6770

NX-1020 Rainbow
A 9-pin dot matrix printer that prints out in seven colors. Draft printing speed up to 225 characters/second. Advanced features allow bi-directional printing; paper feeding from top, bottom, rear. Very quiet and easy to use. Two-year limited warranty. $229.00
Star Micronics America, 420 Lexington Ave, Ste 2702, New York, NY 10170, (212) 986-6770

NX-1500 Multi-Font
A 9-pin dot matrix printer with high-speed printing, 180 cps in draft mode. Prints hi-res text and graphics. Comes with four near-letter-quality fonts and IBM/Epson compatibility. Two-year limited warranty. $499.00
Star Micronics America, 420 Lexington Ave, Ste 2702, New York, NY 10170, (212) 986-6770

NX-2415 Multi-Font
A 24-pin dot matrix printer with blazing 200 cps speed in draft mode; up to 66.7 cps letter-quality mode. Four resident letter-quality fonts and full IBM/Epson compatibility. Forward/reverse micro-feeds let you position paper exactly where you want it. Two-year limited warranty. $599.00
Star Micronics America, 420 Lexington Ave, Ste 2702, New York, NY 10170, (212) 986-6770

NX-2420 Multi-Font
Cost-effective 24-pin dot matrix printer with seven resident fonts. Offers hi-res graphics up to 360 dots per inch. Superior paper-handling features include convenient paper parking, rear and bottom feeding. Two-year limited warranty. $449.00
Star Micronics America, 420 Lexington Ave, Ste 2702, New York, NY 10170, (212) 986-6770

NX-2420 Rainbow
A 24-pin dot matrix printer that offers seven-color printing. High-speed draft mode with speeds up to 250 cps. Letter-quality mode with speeds up to 100 cps. Hi-res graphics up to 360 dpi. Seven resident fonts. Two-year limited warranty. $499.00
Star Micronics America, 420 Lexington Ave, Ste 2702, New York, NY 10170, (212) 986-6770

NX-2430 Multi-Font
A 24-pin dot matrix printer with high-end features including front panel LCD display, font scalability, WYSIWYG capability, and auto emulation change. A standout value for small business and home office users. Two-year limited warranty. $399.00
Star Micronics America, 420 Lexington Ave, Ste 2702, New York, NY 10170, (212) 986-6770

PaintJet Color Graphics Printer
With a high-resolution 180 dpi, the PaintJet offers color printing for the Amiga. Near-Letter-Quality (NLQ) mode offers printing as fast as 167 cps. Amiga Workbench 1.3 supplies a printer driver. Supports all Amiga resolutions and modes.
Hewlett-Packard Company, 16399 W. Bernardo Drive, San Diego, CA 92127-1899, (619) 592-4676

PaintJet XL
Similar to the PaintJet Color Graphics but offers printing three times as fast. Also allows single-sheet feed as well as tractor feed and paper sizes up to 11 x 17 inches.
Hewlett-Packard Company, 16399 W. Bernardo Drive, San Diego, CA 92127-1899, (619) 592-4676

SBP-10 Plus
This heavy-duty 18-pin business printer boasts original+five copy multi-part forms handling, letter quality printing, draft print speeds up to 800 cps and a push/pull tractor with zero tear-off. The SBP-10 Plus front control panel features a 32-character LCD readout. A group switch stores up to 10 group settings of up to 40 combinations of mode, pitch, paper-feed, and more in memory.
Seikosha America Inc., 10 Industrial Avenue, Mahwah, NJ 07430, (800) 338-2609

Sony UP-D7000 Digital Color Printer
The Amiga and Video Toaster can now utilize the powerful Sony UP-D7000 dye sublimation color printer for photorealistic printed output with QuickPrint software from KarmaSoft. The UP-D7000 delivers high quality printes at remarkable speed in a package that is reasonably priced. The rpinter supports 256 gray levels of color which translates into over 16 million colors. The printer will run on any Amiga with Workbench 2.0 or higher and at least 2MB RAM.
Sony of America, Sony Drive, Park Ridge, NJ 07656, (201) 930-1000

StarJet SJ-48
Highly functional, multi-purpose, four-pound ink jet printer designed for executives on the move. Very quietly prints virtual laser-quality on almost any type of job in office, home, hotel room, airplane, or train. Two-year limited warranty. $499.00
Star Micronics America, 420 Lexington Ave, Ste 2702, New York, NY 10170, (212) 986-6770

♦ ❷ **Super-DJC2**
Super-DJC2 is a color driver for all HP DeskJets, through the 550C. Along with superior color correction it provides 4 selectable lightness/darkness levels, 4 types of black including true black, control over excess ink and bleeding and implementation of colored text. Add to this: access to all internal fonts; choice of Letter, Legal, A4, and Envelope; suppression of unwanted page feeds and preforation skip. Enhanced AmigaDOS command codes; as well as 14 powerful extended commands. Requires AmigaDOS 1.3—3.0, for any Amiga, and any HP DeskJet except the 1200C. $60.00
Creative Focus, P.O. Box 580, Chenango Bridge, NY 13745-0580, (607) 648-4082

XB-2420 Multi-Font
A 24-pin, heavy-duty printer for high-quality, fast output applications. Four print modes—from high speed draft mode, 375 cps, to super letter-quality mode. Handles single sheet and fanfold paper. Color printing option. Two-year limited warranty. $749.00
Star Micronics America, 420 Lexington Ave, Ste 2702, New York, NY 10170, (212) 986-6770

XB-2425 Multi-Font
A 24-pin, heavy-duty, wide-carriage printer for high-quality, fast output applications. Four print modes—from high speed draft mode, 375 cps, to super letter-quality mode. Handles single sheet and fanfold paper. Color printing option. Two-year limited warranty. $949.00
Star Micronics America, 420 Lexington Ave, Ste 2702, New York, NY 10170, (212) 986-6770

XR-1020 Multi-Font
Industrial-strength printer able to print up to 420 cps. Three printing speeds—high speed draft, draft, and near-letter-quality. Contains 16 resident fonts, simple pushbutton control panel, and color option. Two-year limited warranty. $549.00
Star Micronics America, 420 Lexington Ave, Ste 2702, New York, NY 10170, (212) 986-6770

XR-1520 Multi-Font
Wide carriage, industrial-strength printer able to print up to 420 cps. Three printing speeds—high speed draft, draft, and near-letter-quality. Contains 16 resident fonts, simple pushbutton control panel, and color option. Two-year limited warranty. $699.00
Star Micronics America, 420 Lexington Ave, Ste 2702, New York, NY 10170, (212) 986-6770

❖ *PRINTER/BUFFERS* ❖

❷ **Microshare MCS 8004/MCS 8008**
The MCS 8004 and MCS 8008 are intelligent multi-use printer buffers and spooler combinations. They allow up to four or eight computers to share a single printing device, even if the computers are of different makes. No software is required and the system is completely user transparent. For any Amiga, any OS, any other computer systems with parallel ports. One-year warranty. U.S. $399/$499.
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

SA-10 EPROM Programmer
Stand-alone programmer capable of programming the 2716 to 4MB devices. The SA-10 comes standard with 1MB (128K) of memory, and can be upgraded to 8MB using 1MB DRAM. The SA-10 features a 4 x 20 character LCD, 20-key tactile keypad, RS232, and parallel in and out. The SA-10 can communicate with the Amiga using any standard ASCII terminal software via the serial port up to 115K baud. The printer-out port allows direct printing of data or macro configurations, or you can use the SA-10 as a printer buffer equal to the amount of installed DRAM. $550.00
Needham's Electronics, 4539 Orange Grove Ave., Sacramento, CA 95841, (916) 924-8037

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❖ PRINTER/LASER ❖

LaserJet IIP
Four-page per minute, low-cost laser printer. Extremely small footprint.
Hewlett-Packard Company, 16399 W. Bernardo Drive, San Diego, CA 92127-1899, (619) 592-4676

❖ PRINTER/INKS ❖

CompuJet Ink Refills
CompuJet Ink Refill Systems are inexpensive and offer a user friendly alternative to replacing ink jet printer cartridges. Handy 2-pack delivers at least two refills, saving you more than 50% over new cartridges. Refills are extra vivid, colorful, fast-drying, waterproof black, easy to use. Available for most popular ink jet printers, including: Apple StyleWriter I and II, Canon Bubble Jet 10e, BJ 300/330, BJC 800/820, HP DeskJet, DeskJet 500/500C/550C, DeskWriter, DeskWriter C and 550C, PaintJet, PaintJet XL, PaintWriter, PaintWriter XL, Star Micronics StarJet SJ-48, Fujitsu dex 170/80/530, Pitney Bowes 9100, Panafax U-300, Brother HJ-100i, Olivetti JP-150. You can also convert existing black cartridges to color for spot color printing.
American Ink Jet, 13 Alexander Rd, Billerica, MA 01821, (508) 667-0600

CompuJet Paper and Transparency
Formulated to produce brighter colors and crisper images on ink jet printers. Paper is a premium heavy weight photo-based paper with exclusive 'brite-white' coating, for use in color printers only. Colors are brilliant, blacks intense. Paper available in z-fold or cut sheets, and 11x17 cut sheets. Transparency film makes instant transparencies for overhead projection and overlays for written reports. Colors are brighter, ink dries instantly. Available in cut sheets. No need for a sleeve. Paper and transparency available for: DeskJet 500c/550c, PaintJet (XL), PaintWriter (XL), and Canon BJC 800/820. Transparency also for use in: DeskJet, DeskJet 500, Canon BubbleJet 5, 10e, 20, 300/330, Apple StyleWriter, and Star Micronics StarJet SJ-48.
American Ink Jet, 13 Alexander Rd, Billerica, MA 01821, (508) 667-0600

❖ SCANNERS & DIGITIZERS ❖

◆ ADPro HP Scan Jet IIC Driver
A WYSIWYG driver for the HP Scan Jet IIC full-page flat bed color scanner intergrating it completely into ADPro (or MorphPlus) providing high-quality 400 DPI, 24-bit color input of printed material up to 8.5 inches in size. Includes a stand-alone version. $200.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

Alfa Scan Plus
Hand scanner, excellent 256-grayscale conversions, 400 dpi, includes TouchUp software. For all Amigas. $299.95
Alfa Data U.S., P.O. Box 6990, Champaign, IL 61826, (217) 356-1962

Digi-View Gold 4.0
NewTek's new dynamic palette control allows all 4096 colors to be displayed in high resolution with overscan, thus providing sharper HAM images and virtually eliminating HAM fringing. The LBJ technology allows the user to selectively filter background noise from the video signal for sharper, clearer images. Digi-View 4.0 supports ARexx. New Digi-Port feature allows captured images to be displayed directly into Digi-Paint 3, and resolutions may be changed from inside Digi-View 4.0. 24-bit RGB files may be loaded and saved for further image processing or exporting to typesetters or frame buffers. Many more enhancements have been added to Digi-View 4.0, allowing you to create images with ease. $199.95
NewTek, 215 S.E. 8th St., Topeka, KS 66603, (913) 354-1146

EPSON Scanner Driver
Winner of the 1992 Reader's Choice Award, the EPSON scanner family has grown to three different devices. This driver supports all features of the EPSON color scanner family including the new transparency scanner and automatic document feeder. Interface cable included. Requires EPSON ES300C/GT6000, ES600C/GT6500 or ES800/GT8000. Art Department Professional is optional. $200.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

◆ ES-600C scanner
From OCR scanning to advanced desktop publishing, Epson's ES-600C scanner delivers quality 24-bit color images. This versatile scanner uses software interpolation to yeild up to 600 dpi resolution in 16-million colors or 256 shades of gray. Superior enginerering results in quick, single-pass scanning and precise color, brightness, or contrast corrections. Optional accessories include a transparency unit or automatic document feeder. $1129.00
Epson America, Inc., 20770 Madrena Ave., Torrence, CA 90503, (800) 922-8911

◆ ES-800C scanner
Epson's ES-800C scanner is ideal for professional publishing and design environments where 24-bit color and high resolution are important. Using software interpolation, the ES-800C provides resolution of up to 800 dpi. Epson's Truepass scanning technology delivers precise images in 16 million colors or 256 shades of gray. Color, brightness, contrast corrections are easy to achieve for a customized image. Optional accessories include a transparency unit or automatic document feeder. $1499.00
Epson America, Inc., 20770 Madrena Ave., Torrence, CA 90503, (800) 922-8911

Geniscan Handy Scanner
Hand Scanner with 400 dpi resolution and 4 1/8 inch width. Adjustable switches for brightness and contrast. Software compatible with most leading software packages. $299.95
Rio Computers, 3310 Berwyck St., Las Vegas, NV 89121, (800) 782-9110

HSC Series 105mm B/W Hand Scanner
HSC-M-B for the Amiga supports 105mm line image sensor with 105mm scanning width. Supports line density selector switch for 100-400 DPI operation. Supports B/W tone, 6 x 6 diza halftone, 32 graduations. $199.95
Alfa Data U.S., P.O. Box 6990, Champaign, IL 61826, (217) 356-1962

Migraph ColorBurst
Three scanners in one. Scan up to 262,144 colors, 64 true greyscales or monochrome line art with the Migraph ColorBurst color hand scanner. Scan, view and save backgrounds and textures for video, greyscale images for DTP or text for optical character recognition. Save IFF and 24-bit IFF files. Requires any Amiga (except 1000) with 2Mb. 4Mb and hard disk recommended. Bundled with OCR Jr.: 599.00 $549.00
Migraph, Inc., 32700 Pacific Highway South, Ste 14, Federal Way, WA 98003, (206) 838-4677

Migraph Hand Scanner with Touch-Up and OCR Jr.
Migraph Hand Scanner and Touch-Up allows you to scan any monochrome or color image and save it as a monochrome image or convert it to gray scale IFF or TIFF formats. Loads and saves many file formats and includes a wide variety of powerful editing tools. Includes OCR Jr., optical character recognition software which lets you scan and process text and save it as an ASCII file $299.00
Migraph, Inc.;, 32700 Pacific Highway South, Ste 14, *Federal Way, WA 98003, (206) 838-4677*

Migraph Merge-It and Scanning Tray
The Scanning Tray allows you to scan a full page image in two passes, quickly and easily, using a Migraph, AlfaData, or Golden Image monochrome hand scanner. Merge-It software then allows you to merge the two scans into one image. NTSC/PAL. Requires 0.5MB. $99.00
Migraph, Inc., 32700 Pacific Highway South, Ste 14, Federal Way, WA 98003, (206) 838-4677

Migraph OCR v1.4
New version has many behind the scenes enhancements. Revised interface has Workbench 2.0 look and feel, whether you are running 2.0 or 1.3. Migraph OCR allows you to turn any scanned IFF or TIFF file into an editable ASCII file that can be loaded into a word processor or DTP program. Pretrained on 20 typefaces, Migraph OCR uses Omnifont technology, is trainable, and lets you define your own libraries of trained characters. NTSC/PAL. Foreign langauge support. Requires 2.5MB RAM, hard disk. Systems with flatbed scanners require 4.5MB. Upgrades available. $299.00
Migraph, Inc., 32700 Pacific Highway South, Ste 14, Federal Way, WA 98003, (206) 838-4677

◆ OCR Jr.
Scan and process text with your monochrome hand scanner with Migraph OCR Jr. This powerful optical character recognition program has all the features and power of MigraphOCR, but only scans text directly. Save processed text as an ASCII file that can be loaded into your word processor or desktop publisher. Requires 2.5 Mb RAM and a hard disk, monochrome scanner (Migraph, AlpaData, Golden Image, Pyramid). $199.00
Migraph, Inc.;, 32700 Pacific Highway South, Ste 14, *Federal Way, WA 98003, (206) 838-4677*

Phovos 300C Scanner
This 24-bit (16.7 million colors), 8.5- x 11-inch flatbed machine scans at an optically true 300 dpi, or 600 dpi with software enhancement. Capture images in RAM or directly to disk. Works with Migraph's OCR software and Metadigm's driver for image capture in ProPage 3.0. For all Amigas (A1000 requires adapter). Requires 3MB RAM, minimum disk: 5MB, hard or RAM. Accelerator recommended. $1195.00
Prime Option, 2341 W. 205th St. Ste.116, Torrance, CA 90501, (310) 618-0274

Pyramid 400 DPI Grey Scale Hand Scanner
This Handy scanner from Omni-Eureka is hi-res 64-level grey scale. Supports both text and halftone graphics; also works well with third party software like TouchUp from Migraph. Inexpensive, good quality, easy to use. Included software saves your images in standard IFF Amiga format for use in virtually any Amiga program. $229.95
Micro R & D, Inc., 721 O Street, PO Box 130, Loup City, NE 68853, (308) 745-1243

TOP-SCAN
Epson scanner driver, 16 Mio colors, all formats. NTSC/PAL. English/German manual. Workbench 2.0 compatible. $298.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

❖ SCIENTIFIC DIGITIZERS AND CONTROLLERS ❖

Ameega_GPIB
Ameega_GPIB is a General Purpose Interface Bus card for the Amiga series. This half-length expansion card performs all of the talker, listener, and controller functions of the GPIB (IEEE-488) protocol. One Amiga can simultaneously control up to 14 of the thousands of GPIB devices on the market. Included is the Command Function Library (ACDA GPIB CFL) which is Manx and Lattice compatible, test application programs and 'C' driver. Now you can control GPIB devices in an intuitive and friendly way using screen buttons, menus, and the mouse. See Amazing Computing (Vol 4.11, 1989) for review. $495.00
ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

Data Acquisition Unit
Turns your Amiga into a sophisticated digital storage scope. Measure and display inputs from millivolts to 50 volts with 1 MHz bandwidth. Display events from microseconds to hours. $179.95
Rio Computers, 3310 Berwyck St., Las Vegas, NV 89121, (800) 782-9110

DataStation-A/D + D/A + TIMER v2.0
This board represents versatile member of DataStation family. Has host of data acquisition-process control hardware features and software functions including: 16 channel, 12-bit A/D converter; 2-channel, 8-bit D/A converter; 3-channel, 16-bit programmable counter/timer; DataStation C software library, many source code demos, PGL-Programmable input gain option x1, x10, x100,

x500. Full autoconfiguration, DataStation upgradable. NTSC/PAL. Requires A2000/3000, one Amiga expansion slot, 680x0. $1329, PGL option $100.
ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

DataStation-A/D+DIO+TIMER v2.0
This board represents versatile member of DataStation family. Has host of data acquisition-process control hardware features and software functions including: 16 channel, 12-bit A/D converter; 32-channel digital I/O board; 3-channel, 16-bit programmable counter/timer; DataStation C software library, many source code demos, PGL-Programmable input gain option x1, x10, x100, x500. Full autoconfiguration, DataStation upgradable. NTSC/PAL. Requires A2000/3000, one Amiga expansion slot, 680x0. $1387, PGL option $100.
ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

DataStation-A/D+TIMER v2.0
This timer card is system integrator's answer for Amiga-based scientific and engineering data acquisition-process control tasks. Features: 16 channel, 12-bit A/D converter; 3-channel, 16-bit programmable counter/timer; DataStation C software library, many source code demos, PGL-Programmable input gain option x1, x10, x100, x500. Full autoconfiguration, upgradable. NTSC/PAL. Requires A2000/3000, one Amiga expansion slot, 680x0. $1095, PGL option $100.
ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

DataStation-D/A v2.0
This card is system integrator's answer for Amiga-based scientific and engineering process control tasks that require computer to output analog signals to real world. Features: 2-channel, 8-bit D/A converter; DataStation C software library, many source code demos, full autoconfiguration, DataSTation upgradable. NTSC/PAL. Requires A2000/3000, one Amiga expansion slot, 680x0. $225.00
ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

DataStation-D/A+DIO v2.0
This board represents versatile member of DataStation family. Has host of data acquisition-process control hardware features and software functions including: 2-channel, 8-bit D/A converter; 16 TTL compatible digital inputs/outputs, DataStation C software library, many source code demos, PGL-Programmable input gain option x1, x10, x100, x500. Full autoconfiguration, DataStation upgradable. NTSC/PAL. Requires A2000/3000, one Amiga expansion slot, 680x0. $645.00
ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

DataStation-D/A+DIO+TIMER v2.0
This board is system integrator's answer for Amiga-based scientific and engineering data acquisition and process control tasks. Features: 3-channel, 16-bit programmable counter/timer; 2-channel, 8-bit D/A converter; 16 TTL compatible digital inputs/outputs, DataStation C software library, many source code demos, Full autoconfiguration, DataStation upgradable. NTSC/PAL. Requires A2000/3000, one Amiga expansion slot, 680x0. $654.00
ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

DataStation-D/A+TIMER v2.0
This board represents versatile member of DataStation family. Has host of data acquisition-process control hardware features and software functions including: 2-channel, 8-bit D/A converter; 3-channel, 16-bit programmable counter/timer; DataStation C software library, many source code demos, Full autoconfiguration, DataStation upgradable. NTSC/PAL. Requires A2000/3000, one Amiga expansion slot, 680x0. $355.00
ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

DataStation-DIO Digital Input/Output v2.0
This card is system integrator's answer for Amiga-based scientific and engineering process control tasks that require computer to sense and control TTL compatible signals. Features: 16 TTL compatible digital inputs/outputs, DataStation C software library, many source code demos, full autoconfiguration, DataSTation upgradable. NTSC/PAL. Requires A2000/3000, one Amiga expansion slot, 680x0. $392.00
ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

DataStation-DIO+TIMER v2.0
This board represents versatile member of DataStation family. Has host of data acquisition-process control hardware features and software functions including: 3-channel, 16-bit programmable counter/timer; 16 TTL compatible digital inputs/outputs, DataStation C software library, many source code demos, Full autoconfiguration, DataStation upgradable. NTSC/PAL. Requires A2000/3000, one Amiga expansion slot, 680x0. $429.00
ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

DataStation-FC v2.0
This board represents most versatile member of DataStation family. Full configuration of data acquisition-process control hardware features and software functions including: 16 channel, 12-bit A/D converter; 2-channel, 8-bit D/A converter; 3-channel, 16-bit programmable counter/timer; 16 TTL compatible digital inputs/outputs, DataStation C software library, many source code demos, PGL-Programmable input gain option x1, x10, x100, x500. Full autoconfiguration, DataStation upgradable. NTSC/PAL. Requires A2000/3000, one Amiga expansion slot, 680x0. $1550, PGL option $100.
ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

DataStation-TIMER v2.0
This card is system integrator's answer for Amiga-based scientific and engineering process control tasks that require accurate timing and generation of digital waveforms. Features 3-channel, 16-bit programmable counter/timer. Channels are cascadable and outputs are available on DB25 pin shell connector on board. Also features DataStation C software library, many source code demos, full autoconfiguration, DataSTation upgradable. NTSC/PAL. Requires A2000/3000, one Amiga expansion slot, 680x0. $129.00
ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

DataStation-Terminal Strip & Cabling
Lets you access the world quickly and easily. Connects DataStation family of data acquisition and process control products to real world signals using a labeled screw terminal assembly and cable. Requires one ACDA Data Station card, 680x0, A2000/3000. $199.95
ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

❷ MW-201
General purpose INPUT/OUTPUT card with RS-232 interface. Digitizes 16 analog inputs, provides 14 high-current digital outputs, and one analog output. Uses 6511Q microprocessor and built-in intelligent user interface. AmigaDOS 2.0 compatible. $365.00
Electronic Innovations Corp. (EIC), 3333 S. Wadsworth Blvd. #C101, Lakewood, CO 80227, (303) 987-2441

❷ ezAD
Low-cost system for monitoring events with your Amiga. Measure, graphically display, and record temperature, pressure, light intensity, etc. No separate power supply required. Connects to second gameport. Does not interfere with parallel or serial port operation. Multitasking software runs from Workbench. Complete hardware and software systems starting at $69.90. ARexx interface provided. Various sensors available. AmigaDOS 2.0 compatible.
Boone Technologies, Inc., P.O. Box 15052, Richmond, VA 23227, (804) 264-0262

❖ *SOUND AND MUSIC* ❖ *HARDWARE/DIGITIZERS*

Aegis SoundMagic
(Formerly Aegis SoundMaster.) This 8-bit Sound Digitizer is capable of sampling up to 56K samples per second. Features built-in microphone, stereo and mono input jacks, plus volume control and overload indicator. Includes Aegis' best-selling AudioMaster IV sampling software for a complete solution. NTSC/PAL. German language support. Requires Workbench 1.3 or higher, Kickstart 1.3 or higher, one disk drive, 512K RAM. $199.95
Oxxi, Inc., P.O. Box 90309, Long Beach, CA 90809-0309, (310) 427-1227
Please see display ad insert.

❷ DD524 Digital Interface Card
Adds an AES/EBU or an S/PDIF digital input/output interface to your Amiga. Allows you to connect digitally to a Digital Audio Tape (DAT) player or CD player. Great for making CD masters. Transfer directly to DAT for sending to a CD mastering house. DD254 also allows you to back up your hard drive to a DAT recorder. A DAT tape can hold over a gigabyte of data, and has transfer rate of about 10MB/min. DD254 supports 16 and 24 bit samples; 44.1K and 48K rates. AmigaDOS 2.0 compatible. Compatibility: A2000, A2500, A3000, A4000. NTSC/PAL.
SunRize Industries, 2959 S. Winchester Blvd. Ste. 204, Campbell, CA 95008, (408) 374-4962

DIGI-SOUND Stereo Audio Digitizer
DIGI-SOUND stereo audio digitizer features left and right line inputs and gain controls and a stereo microphone jack. DIGI-SOUND is perfect for use with Audiomaster and most other commercial and public domain sampling software on A500, A2000, A3000, and CDTV. $59.95
Circuits and Software, 1052 Estates Court, Stockbridge, GA 30281, (404) 389-3875

Perfect Sound 3 Adaptor
Adaptor that allows Perfect Sound 3 to be used on an Amiga 1000. $12.95
SunRize Industries, 2959 S. Winchester Blvd. Ste. 204, Campbell, CA 95008, (408) 374-4962

Perfect Sound 3.0
Use your stereo or a microphone to record your sound in mono or stereo, then use the sound editor to modify the sound. Delete, insert, and play them backwards, faster or slower, graph or flip record sound. Comes with a library of pre-recorded sounds and C source code. Supports IFF file format and instruments. New version 3.0 includes new software and hardware. English, German, and French versions available. Compatibility: A500, A600, A1000, A1200, A1500, A2000, A2500, A3000, A4000. NTSC/PAL. $99.95
SunRize Industries, 2959 S. Winchester Blvd. Ste. 204, Campbell, CA 95008, (408) 374-4962

Pro Stereo Sound Sampler
High-quality stereo sound at a realistic price. Real-time level meters. Adjustable trigger level. Hi-res sample editing. Variable sample rate and playback. $99.95
Rio Computers, 3310 Berwyck St., Las Vegas, NV 89121, (800) 782-9110

Sound Sampler
Parallel port digitizer with mic/line/switch, gain, and variable filter control. Input via RCA jack or 35mm mike jack. Includes PD software. $40.00
Phoenix Microtechnologies Pty. Ltd., 18 Hampton Road, Keswick, South Australia 5035, (011) 618-293-8752

◆ Stereo Master
The ultimate low-cost, high-quality, 8-bit stereo sound sampler with direct to hard disk recording capability. The sampler cartridge plugs into the printer port and allows you to sample and analyze sounds input from any stereo source such as CD players, modify the way they sound with realtime effects, or save them to disk. With powerful editing software derived from the award-winning AMAS2, Stereo Master provides all the power and flexibility you would expect in a professional audio editing suite. $69.95
Oregon Research, 16200 SW Pacific Hwy, Suite 162, Tigard, OR 97224, (503) 620-4919

Studio 16 w/AD1012
A 12-bit sampler card includes Studio 16 software, audio in/out, microprocessor, adjustable low pass filters, SMPTE time code reader. Sampling rates of up to 44.1 kHz, signal-to -noise ratio of a professional VTR. Perfect for editing video sound tracks. Software allows recording direct to hard disk synchronized with time code, and special effects.

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Miscellaneous Hardware

Compatibility: A1500, A2000, A2500, A3000, A4000. NTSC/PAL. $595.00
SunRize Industries, 2959 S. Winchester Blvd. Ste. 204, Campbell, CA 95008, (408) 374-4962

Studio 16 w/AD516
A 16-bit digital audio card that includes Studio 16 version 2 software, an ADSP 2105 sound processor, stereo audio in/out, LTC SMPTE in, 64 times oversampling, and 8 track simultaneous playback. At 16-bit resolution, the AD516 offers CD quality sound and puts a modern digital recording studio in your Amiga. Allows direct recording to the hard disk,synchronizing with SMPTE time code, sample editing, and special effects. AmigaDOS 2.0 compatible. Compatibility: A1500, A2000, A2500, A3000, A4000. NTSC/PAL. $1495.00
SunRize Industries, 2959 S. Winchester Blvd. Ste. 204, Campbell, CA 95008, (408) 374-4962

❖ SOUND AND MUSIC ❖ HARDWARE/GENERAL

ADAPS 2111-16 DSP Board
A Digital Audio Processing System for the Amiga. Features include: 16MHz ADSP 2111 DSP chip, 16KB dual-port data memory, 48KB 24-bit program memory, stereo sampling at 16-bit resolution, 50KHz sampling rate, 8 times oversampling 16-bit stereo analog outputs, and completely integrated DSP software development environment, including an assembler, C preprocessor, and linker for ADSP-2111. For A2000/3000 or any Amiga system with Zorro II compatible expansion slot. AmigaDOS 1.3/2.0 compatible. Available Spring 1993. $639.00
Overland Engineering, 8 Desert Villa Dr. #1, Edwards, CA 93523, (505) 299-9312

◆ AMAS 2
The Advanced MIDI Amiga Sampler 2 is a high-quality 8-bit stereo sound sampler and MIDI interface for the Amiga range of computers. Once the sample is in the computer, the advanced editing software enables you unlimited editing control over your sample with advanced editing and signal processing capabilities. You can also perform realtime effects processing as well as function as a MIDI sample sequencer. The hardware plugs into the serial and printer ports. $189.95
Oregon Research, 16200 SW Pacific Hwy, Suite 162, Tigard, OR 97224, (503) 620-4919

Audio Engineer Plus
A RamScan Software stereo digital sound sampling/editing system for standard Amigas. Has powerful facilities to record, edit, and enhance sound in Amiga's memory, yet presents these facilities in an intuitive way that allows anyone to master them. Edit sound loaded as a file from disk, or record it directly into memory using included GSOFT Audio Imager sound digitizer. Also includes CD Player Simulator program to load and play your created sound files just like a real compact disc. Many innovative features. Plays up to 56,000 sps on standard Amiga, faster processor required to record more than 38,000 sps in stereo. Additional RAM and hard disk required to record and store large waveforms.
GSOFT Pty. Ltd., PO Box 59, Elizabeth, SA 5114, Australia, (011) 61-8-254-2261

◆ Audio Imager-Gold Label
Audio Imager Gold is a true 16 bit sample and playback audio system for the Amiga. Also has 8 and 12 bit data compression modes. Other features include 4 seperate stereo channel input that allows the Gold Label to be used as a mini mixing console. Zorro II/III bus card, A2000/3000/4000 with 2.0+ and min 4 Meg RAM recommended. $399.00
GSOFT Pty. Ltd., PO Box 59, Elizabeth, SA 5114, Australia, (011) 61-8-254-2261

◆ Clarity 16
The first low-cost professional 16-bit stereo sound sampler for the Amiga range of computers. The hardware cartridge contains two sophisticated D to A and A to D converters for 16-bit stereo recording and playback. the system can record from any suitable sound source such as CD players ore any 'AUX' or 'Line' level signal source through the stereo phono inputs. Stereo phono outputs are provided for playback to an amplifier or mixer. Also included is a complete MIDI interface for use with any MIDI instrument and commercial MIDI software applications. The software package includes a powerful multitasking windowed sample editor with advanced editing and signal processign capabilities. the system can also perform realtime effects processing as well as function as MIDI sampler sequencer. $238.95
Oregon Research, 16200 SW Pacific Hwy, Suite 162, Tigard, OR 97224, (503) 620-4919

DSS8+
The successor to the popular DSS8 sampler, this 8-bit digital sound sampling hardware interface is the quietest, professional, and most attractive yet made. Assembled of high-impact, non-yellowing, clear polycarbonate, this is the sound sampler to won for the Amiga. It includes multifaceted software for sampling, editing, song composition, and playback of monophonic and stereo sound samples as well as the popular .MOD song files. Works with all Amigas (A1000 needs adapter).
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
Please see display ad insert.

Megamix Master
A low cost, high specification digital effects cartridge that plugs into your printer port. Allows you to sample or record stereo sound from almost any musical source. Easy to use, no need to disconnect sampler to plug in your printer,—use the thru port. Comes with stereo jack fitted to cartridge, 30 animated icons, and well-documented manual. NTSC/PAL. Requires disk drive. 0.5MB OK, 1MB plus recommended. $69.95
Rombo Ltd., 2 Baird Rd, Kirkton Campus, Livingston EH54 7AZ, Scotland, 011-44-506-466-601

Pyramid Sound Enhancer
Restores Amiga high-end sound output. A must-have for recording Amiga-generated sound. $55.95
Micro R & D, Inc., 721 O Street, PO Box 130, Loup City, NE 68853, (308) 745-1243

Super Sound
Provides selective high frequency boost at the twist of a knob. Allows output characteristics of Amiga's audio to be tailored specifically to the sound being replayed, and compensates for roll-off effect built in to Amiga's sound output circuitry. Enhances any sound output, even very good digital samples. Plugs into normal sound output on A500/2000/2500/3000. 99 Australian dollars.
GSOFT Pty. Ltd., PO Box 59, Elizabeth, SA 5114, Australia, (011) 61-8-254-2261

SyncPro
Lets users synchronize MIDI with multimedia, video, and audio hardware. Full-featured professional synchronization box supports all major sync formats including SMPTE, MIDI Time Code, and Song Pointer. Designed to work with Bars&Pipes Professional, SuperJAM, and any other Amiga application that makes use of MIDI Time Code. All products available for foreign distribution. $199.00
Blue Ribbon SoundWorks Ltd.,The, Venture Center, 1605 Chantilly Dr. Ste. 200, Atlanta, GA 30324, (404) 315-0212

❖ SOUND AND MUSIC ❖ HARDWARE/MIDI INTERFACES

AudioLink™
AudioLink™ is a professional 16-bit linear stereo audio processor that boasts 16 voices (8 in stereo), sound sampling rates up to 48 kHz in stereo (96kHz 2x over sampling in mono), up to 16 megs on-board. Plus, 16 multi-outs (D/A convertor on each out), a S/PDIF interface, MIDI, and open slot for Direct-to-Disk Transfer Card. AudioLink™ comes bundled with sound editing software with features such as Realtime Playback, Crossfading, and Cut, Copy, and Paste between voices. Invert, Reverse, Looping and Variable Left and Right Gain. Saves in multiple formats such as AIFF and SAMP. For all models of the Amiga. Availability: Second Qtr. 1994. $1295.00
Beta Unlimited, 87 Summit Street, Brooklyn, NY 11231, (718) 852-8646

DM Music
Audio digitizer/MIDI interface in one package. Unit includes pass through for both the serial and parallel ports. Digitizes in stereo at 56K samples per second in stereo. Supported by most major software packages. $199.00
Amazing Computers, 1441 E. Fletcher Ave. Ste. 1450, Tampa, FL 33612, (813) 977-6511

Deluxe MIDI INTERFACE for the AMIGA 500/1000/2000/3000
Optically isolated—Provides IN, THRU, and two switchable THRU/OUTS for maximum flexibility. Comes with 6-foot serial cable and RS-232 pass-through. Impact-resistant case and cable matches Amiga's color closely. New low price! $69.00
Pro-Tronic Systems Ltd., 720 -6th Street, #227, New Westminster, B.C., Canada V3L 3C5, (604) 290-1631

MIDI Connector
Enables the Amiga 500 to send and receive MIDI data from MIDI-equipped instruments. There is one MIDI In port, two MIDI Out ports, and one MIDI Out/Thru port. Also comes with a switch for serial pass thru. Australian users see Australian address in Vendor Information. $69.95
Disc Company, The , 11440 San Vicente Blvd, Ste 300, Los Angeles, CA 90049, (310) 207-1600

◆ MIDI for th Amiga 1200
Standard MIDI in, 2 MIDI out, and MIDI thru plugs into RS-232 port (serial port). $49.95
Skyles Electric Works, 10301 Stonydale Dr., Cupertino, CA 95014, (408) 737-1632

MIDI for the Amiga 2000
Standard MIDI IN, 2 MIDI OUT, and MIDI THRU for the A2000. Plugs into RS 232 port. NTSC, PAL, AmigaDOS 2.0 compatible. $49.95
Skyles Electric Works, 10301 Stonydale Dr., Cupertino, CA 95014, (408) 737-1632

MIDI for the Amiga 3000
Standard MIDI IN, 2 MIDI OUT, and MIDI THRU plugs into RS-232 port. NTSC, PAL, AmigaDOS 2.0 compatible. $49.95
Skyles Electric Works, 10301 Stonydale Dr., Cupertino, CA 95014, (408) 737-1632

◆ MIDI for the Amiga 4000
Standard MIDI in, 2 MIDI out, and MIDI thru plugs into RS-232 port (serial port). $49.95
Skyles Electric Works, 10301 Stonydale Dr., Cupertino, CA 95014, (408) 737-1632

MIDI for the Amiga 500
Standard MIDI IN, 2 MIDI OUT, and MIDI THRU for the A500. Plugs into RS 232 port. NTSC, PAL, AmigaDOS 2.0 compatible. $49.95
Skyles Electric Works, 10301 Stonydale Dr., Cupertino, CA 95014, (408) 737-1632

◆ MIDI for the Amiga 600
Standard MIDI in, 2 MIDI out, and MIDI thru plugs into RS-232 port (serial port). $49.95
Skyles Electric Works, 10301 Stonydale Dr., Cupertino, CA 95014, (408) 737-1632

MIDI for the Amiga1000
Standard MIDI IN, 2 MIDI OUT, and MIDI THRU plugs into RS-232 port. NTSC, PAL, AmigaDOS 2.0 compatible. $49.95
Skyles Electric Works, 10301 Stonydale Dr., Cupertino, CA 95014, (408) 737-1632

Midimaster
MIDI Interface for all Amigas. Compatible with all leading software. Has MIDI In, MIDI Thru, and 3 MIDI Out ports. Fully opto-isolated. $59.95
Rio Computers, 3310 Berwyck St., Las Vegas, NV 89121, (800) 782-9110

Model A Interface
MIDI interface for the A500 and A2000. It has one IN, two OUTS, and serial port THRU. $75.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

NES, Inc. MI-001 MIDI INTERFACE UNIT
Standard MIDI interface with four MIDI OUT, one MIDI IN, and one MIDI THRU ports. Has its own power supply. $79.95
N.E.S. Corp., 4660 SW Flower Place, Portland, OR 97221, (503) 246-9311

Miscellaneous Hardware

Pro MIDI 1000
Music instrument digital interface. Plugs into the serial port, communicates with MIDI-compatible musical instruments and equipment. Includes RS-232 bypass port. $64.95
Amazing Computers, 1441 E. Fletcher Ave. Ste. 1450, Tampa, FL 33612, (813) 977-6511

Pro MIDI 500/2000
Musical instrument digital interface. Plugs into the serial port, communicates with MIDI-compatible musical instruments and equipment. Includes RS-232 bypass port. $64.95
Amazing Computers, 1441 E. Fletcher Ave. Ste. 1450, Tampa, FL 33612, (813) 977-6511

◆ **ProMidi Interface**
Low-cost Amiga MIDI interface with MIDI in, MIDI thru, and two MIDI out ports. Plugs into serial port with high-quality cable allowing you to place the attractive enclosure wherever it is most convenient. Compatible with all Amigas. $49.99
Oregon Research, 16200 SW Pacific Hwy, Suite 162, Tigard, OR 97224, (503) 620-4919

Pyramid MIDI Interface
This Omni-Eureka MIDI defines value in this portion of Amiga market. Is only MIDI in its class to offer pushbutton-controlled serial port pass-through and multiple MIDI connections. Comes standard with one MIDI in, two MIDI out, two MIDI through connections, and integral serial cable. Housed in beautiful plastic enclosure matching colors of Amiga. For all Amigas except A1000. $59.95
Micro R & D, Inc., 721 O Street, PO Box 130, Loup City, NE 68853, (308) 745-1243

Triple Play Plus
A sophisticated new MIDI interface designed to accommodate Bars&Pipes Professional. Among its features are three separately-addressable MIDI outs, allowing for 48 simultaneous MIDI channels. In addition, Triple Play Plus includes one MIDI in and one MIDI thru. Users of Bars&Pipes Professional will receive special MIDI Out Tools with their purchase of Triple Play Plus, so that they can utilize the interface from within Bars&Pipes Pro. All products available for foreign distribution. $179.00
Blue Ribbon SoundWorks Ltd.,The, Venture Center, 1605 Chantilly Dr. Ste. 200, Atlanta, GA 30324, (404) 315-0212

❖ SOUND AND MUSIC HARDWARE/SMPTE ❖

The Phantom
The Phantom consists of a hardware module that plugs into the computer's serial port, and software to 'connect' the hardware to other supported programs like KCS and Bars&Pipes. The hardware provides sync input and output jacks, as well as an auxillary MIDI output which helps alleviate MIDI data logjams. The sync jacks can read and write all standard SMPTE formats including 24, 25, 30, and 30 non-drop frame. $199.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

❖ SWITCHERS ❖

Air ROM matic
Internal ROM switcher board. Keyboard, mouse, or joystick switchable. $49.95
Advanced Integration Research, 3006 North Main Street, Logan, UT 84321, (801) 753-4947

Air Traffic Controller
Mouse/joystick/dongle switch. Stops port wear and tear. $39.95
Advanced Integration Research, 3006 North Main Street, Logan, UT 84321, (801) 753-4947

❷ **KickBack**
Multi-featured ROM switcher lets you run Kickstart 2, but still have older Kickstart version available without physically switching ROM chips. Keep your 1.3 enhanced game compatibility without sacrificing the 2.x advanced features. Simple, no solder installation for most Amigas. Ribbon cable mounting. Switch chips by holding Ctrl and Amiga keys down for 5 seconds. Optional switch for choosing boot default ROM. $49.96
ICD Incorporated , 1220 Rock Street, Rockford, IL 61101-1437, (800) 373-7700

❷ **Kickboard Plus**
High quality, three-way ROM sharer board enables user to switch from any version of Kickstart ROM via external three-way switch, independent of keyboard and mouse. All three ROMs and Gary chip are protected from electronic damage. Unleash the full power of your Amiga 500, 600HD, and 2000 while keeping your software full AmigaDOS 1.3/2.0 compatible. Complete with pictorial instructions disk with 1.3—2.0 patch for HD use. U.S.$49.95 plus $9 S&H. $69.95 Australian.
Unitech Electronics Pty. Ltd., P.O. Box 137 Minto, Sydney, NSW 2566, Australia, 011-61-2820-3555

Pyramid ROM Switch
This Omni-Eureka switch lets user keep two different sets of Kickstart ROMs installed simultaneously in Amiga. ROM selector is controlled by mouse or keyboard during rebooting. ROM switch will not conflict with other internally mounted components; it is mounted on ribbon cable that keeps ROM away from the other 68000 chip. For A500/2000. $49.95
Micro R & D, Inc., 721 O Street, PO Box 130, Loup City, NE 68853, (308) 745-1243

SWB-M-BT Boot Selector
Electronic switch for booting from DF1:-DF3:. For A500/500 Plus/2000/2500. $39.95
Alfa Data U.S., P.O. Box 6990, Champaign, IL 61826, (217) 356-1962

SWB-M-KS KickStart Switch
Electronic switch for two Kickstart ROMs (1.2/1.3/3.0). For A500/500 Plus/2000/2500. $39.95
Alfa Data U.S., P.O. Box 6990, Champaign, IL 61826, (217) 356-1962

SWB-MJ Auto Mouse/Joystick Switch
Select either mouse or joystick by clicking or pressing fire button. For all Amigas. $34.95
Alfa Data U.S., P.O. Box 6990, Champaign, IL 61826, (217) 356-1962

❖ SYSTEM EXPANSION & EXPANSION CHASSIS ❖

1-Drive-Bay
Metal case with power supply for one 3.5- or 5.25-inch drive. Flat or upright footprint. SCSI cable, 25-pin D-Sub to 50-pin Centronics. For Amiga, Mac, or ALF-PC-SCSI controllers. English/French/German manual. Workbench 2.0 compatible. $120.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

1000-Adaptor
For those who have an A1000 and wish to expand it. Connects to A1000 parallel/serial ports, making them A500/2000/3000 compatible. Allows any Amiga hardware such as digitizers, modems, etc., to be used with A1000. $58 (parallel), $86 (serial).
HarmonySoft, 69 Jabotinsky Street, Givatayim, Israel 53319, (011) 972-331-5967

2-Drive-Bay
Metal case with power supply for two 3.5- or 5.25-inch drives. Flat design, fits under monitor. SCSI cable, 25-pin D-Sub to 50-pin Centronics. For Amiga, Mac, or ALF-PC-SCSI controllers. English/French/German manual. Workbench 2.0 compatible. $156.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

4-Drive-Bay
The 4-Drive-Bay is an up-to-four device tower, designed for use with any full or half height 3.5- or 5.25-inch SCSI device in any combination. One or two 50-W power supplies and dust free ventilation system. Internal 50-pin SCSI cable set and 25-pin D-Sub to the Amiga, Mac, or PC. English/French/German manual. Workbench 2.0 compatible. Prices: call.
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

A500-DESKTOP-CASE
A combination of a selected PC/AT full size desktop flip case with 3.5-inch Floppy Rail for A500 internal floppy disk and detachable Keyboard-Shell with interface and spiral cable. 200-W power supply. Can be shipped in any color. English/French/German manual. Workbench 2.0 compatible. $230.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

A500-TOWER-CASE
A combination of a selected PC/AT full size tower case with 3.5-inch Floppy Rail for A500 internal floppy disk and detachable Keyboard-Shell with interface and spiral cable. 220-W power supply. Five drive bays. Black or beige. English/French/German manual. Workbench 2.0 compatible. $320.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

Black Workstation
Now handmade out of sturdy metal. Designed to have an Amiga 500 with Ethernet card built into it. Comes with long-lasting power supply. Has room for one floppy drive and one 3.5-inch hard drive. Kit includes detachable KB-Shell with interface and spiral cable. Other colors available. English/French/German manual. Workbench 2.0 compatible. $380.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

EB920
The EB920 is a high speed Thin wire (cheapernet) only ethernet board from the company that helped design SANA-II (driver included). Directly supported by Interworks ENLAN-DFS Oxxi's Novell, all SANA-II software and other software products. Requires a Zorro II slot. $349.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

Keyboard-Shell
Keyboard-Shell with interface and spiral cable is designed to keep the Amiga 500 keyboard detachable. No soldering or special skills required. Looks exactly like A2000 keyboard cover, but has two LED openings. For A500 only!! $120.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

Kickstart Swap Board
Three-position ROM swap board. Ribbon mounted to clear accelerators, etc. $35.00
Phoenix Microtechnologies Pty. Ltd., 18 Hampton Road, Keswick, South Australia 5035, (011) 618-293-8752

M-Slot™
M-Slot is an upgrade allowing A500 owners to do the same things A2000 owners do and more. The board has exactly the same mounting holes and size as PC Baby AT boards; fits neatly into any PC/AT Desktop or Tower case. Has five true Zorro II slots, one video slot, one CPU slot, PC/AT slots, Denise, Paula, and Gary extenders. Optional 200-W power supply, designed to power the A500 simultaneously. Optional EPROM for running PC/AT keyboards. Comes with photos, showing how we build this board in a PC/AT Desktop case. Because this OEM project is not designed for beginners, we offer a service in U.S. and Canada to build complete systems using your A500. For A500/500 Plus. English/French/German manual. Workbench 2.0 compatible. $395.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

M-Slot™ Midi Tower
M-Slot Midi Tower is complete upgrade allowing A500 owners to do the same things A2000 owners do and more. Has M-Slot board already built in. This board has five true Zorro II slots, one video slot, one CPY slot, four PC/AT slots, and Denise, Paula, and Gary extenders. The 200 W power supply is designed for international use (110/220V) and powers the easy-to-slide-in A500 motherboard as well. Instructions include easily understandable photos. NTSC/PAL. Mounting

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Last Minute Additions

instruction and manual in English/French/German/Spanish. Workbench 2.0 compatible. $680.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

MFC 2™ MultiFaceCard 2000/3000/4000
The MFC for the A2000/3000 series features two additional high speed serial and two parallel ports. Half-length card includes two pairs of cable sets and driver software. Easy software installation. All ports external and Amiga compatible. Comes with PAR-NET compatible PIT_NET for linking up to 256 Amigas. Simultaneous input/output using all standard Baud rates (75—19200, MIDI 31250) via 9-pin RS-232 serial ports. Several cards can work along side each other. Frees the Amiga built-in parallel port for better uses than just printing. Has been tested with A4000. NTSC/PAL. English/French/German manual. Workbench 2.0, AmigaDOS 2.0 compatible. $235.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

MFC 2™ MultiFaceCard 500
The MFC for the A500 series features two additional high speed serial and two parallel ports. Half-length card includes two pairs of cable sets and driver software. Easy software installation. All ports external and Amiga compatible. Comes with PAR-NET compatible PIT_NET for linking up to 256 Amigas. Simultaneous input/output using all standard Baud rates (75—19200, MIDI 31250) via 9-pin RS-232 serial ports. Several cards can work along side each other. Frees the Amiga built-in parallel port for better uses than just printing. MFC 500 is a special bundle of MFC 2000 with NakeD-F built into a metal cover which plugs into the A500 expansion port. NTSC/PAL. English/French/German manual. Workbench 2.0, AmigaDOS 2.0 compatible. $245.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

MFC™ MultiFaceCard 1000
The MFC for the A1000 series features two additional high speed serial and two parallel ports. Half-length card includes two pairs of cable sets and driver software. Easy software installation. All ports external and Amiga compatible. Simultaneous input/output using all standard Baud rates (75—57600, MIDI 31250) via 9-pin RS-232 serial ports. Several cards can work along side each other. Frees the Amiga built-in parallel port for better uses than just printing. MFC 1000 is special bundle of MFC 2000 with NakeD-F built into a metal cover which plugs into A1000 expansion port. NTSC/PAL. English/French/German manual. Workbench 2.0 compatible. $345.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

NakeD-F
NakeD-F (F for flat connection) is a very special small circuit board which allows you to run nearly all of the fast SCSI and RAM boards built for the A2000 with the A500 and A1000. Ends the timing problem the A2000 boards have running with the A500/1000. SCSI can now be used at full speed. Has one true A2000 Rev. 6.2 Zorro II slot. NOTE: This is a bare bones board. For A500/500 Plus, A1000. English/French/German manual. Workbench 2.0 compatible. $39.50
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

NakeD-Up
NakeD-Up is the pass-through version with one A2000 Rev. 6.2 Zorro II slot, standing right up. This board allows you to run nearly all of the fast SCSI and RAM boards built for the A2000 with the A500 and A1000. Ends the timing problem the A2000 SCSI boards have running with the A500/1000. SCSI can now be used at full speed. For A500/500 Plus, A1000. English/French/German manual. Workbench 2.0 compatible. $49.50
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

NakeD-Up A-MAX II
NakeD-Up is the pass-through version with one A2000 Rev. 6.2 Zorro II slot, standing right up. This special version board allows you to run A-MAX II from READYSOFT. For A500/500 Plus, A1000. English/French/German manual. Workbench 2.0 compatible. $75.50
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

NakeD-Up RETINA
NakeD-Up is the pass-through version with one A2000 Rev. 6.2 Zorro II slot, standing right up. This special version board allows you to run the RETINA 24 BIT Graphics Card from MACRO Systems US. For A500/500 Plus, A1000. English/French/German manual. Workbench 2.0 compatible. $75.50
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

NakeD-Up SERIAL
NakeD-Up is the pass-through version with one A2000 Rev. 6.2 Zorro II slot, standing right up. This special version board allows you to run the several serial boards available for the A2000 like MFC-2 GVP's M I/O Extender and ASDG's 2 serial board,. For A500/500 Plus. English/French/German manual. Workbench 2.0 compatible. $75.50
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

PCA-Power Cable-Amiga 500
The PCA-Power-Cable for the Amiga 500, A600, A1200 ends the low power problem for the Amiga 500. Allows you to use any PC/AT 150-W, 250-W, or higher power supply. One side has an interface for connection to P8 and P9 connectors of PC/AT power supply; other side has the special 500/600/1200 male 5 PIN power connector. No soldering required. Please ask for trade-in offers for your old defective A500 power supply. English/French/German instructions available. Workbench 2.0 compatible. $35.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

PS-220 Power Supply
The PS-220 Power Supply is the long lasting 220 watt replacement for the A500/600/1200 owner. Comes with connector and five drive connectors. Please ask for trade-in of your defective A500 power supply. English/French/German manual. Workbench 2.0 compatible. $89.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

PS-45 Power Supply
The PS-45 Power Supply is the long-lasting 45-W power source for up to two hard drives. English/French/German manual. Workbench 2.0 compatible. $45.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

PS-50 Power Supply
The long-lasting 50-W replacement for the Amiga 500/600/1200 owner. Comes with the special Amiga POWER connector and 1 extra drive connector. Please ask for trade-in of your defective power supply. English/French/German manual. Workbench 2.0 compatible. $60.00
Pre'spect Technics Inc., P.O. Box 53, Rte. de Lotbiniere, Dorion, Quebec, Canada J7V 2K0, (514) 944-9696

Phoenix Board
Replacement motherboard for A1000, with 2MB chip RAM, A2000 Expansion Slot, A2000 Video Slot, AutoBooting SCSI controller, multiple Kickstarts (four), full ECS support, floppy drive swap switch, 68881/2 socket. Low profile 3.5-inch SCSI drives can be mounted internally. PAL or NTSC versions available. $400.00
Phoenix Microtechnologies Pty. Ltd., 18 Hampton Road, Keswick, South Australia 5035, (011) 618-293-8752

Rejuvenator
A replacement daughter board for the A1000 which upgrades it to take advantage of either the 1MB or 2MB ECS Agnus as well as the ECS Denise, 2.0 ROM, and an A2000 compatible video port. Also adds battery backed-up clock. Requires 1MB or 2MB of memory, depending upon version of Agnus. NTSC/PAL compatible. 1MB, $419.95; 2MB, $439.95.
Expert Services, 7559 Mall Rd, Florence, KY 41042, (606) 371-9690

The Bomac Tower
A rugged, all-metal, floor-mounted tower enclosure designed to house A2000 computers. No permanent electrical or mechanical modifications to the original unit are required for installation. External front access to three 5.25-inch and five 3.5-inch drives. Features include front-mounted AC line and auxiliary power supply switches, power-on lamp, 3 user configurable indicator LEDs, full side/top access, and rear-mounted mouse/keyboard sockets. Accepts second power supply. $319.95
BOMAC, 612 Webster St., Bay City, MI 48708, (517) 892-8978

ToolBox 500
This three-slot expansion card cage for the A500 allows you to use most A2000 cards on your Amiga. It is designed to accept and power an 8MB memory board, SCSI hard card and the Bridgecard. All cards can then be used in an A2000. The ToolBox features room and brackets for a 5.25-inch drive, mounting for an optional fan, 40-watt cool running switching power supply, bus pass through, front panel hard drive activity and power light, and on/off switch. $279.95
Expansion Systems, 44862 Osgood Road, Fremont, CA 94539, (510) 656-2890

Xpander-Built-Chassis
Four models available to expand A1000, A500, and soon the A1200 through external expansion. Choose from one expansion slot to three expansion Zorro II slots with passthrough on some models. Use A2000 cards with room to mount drives and power supply added to an A500 or A1200. Simple hookup to side bus. $109-$290.
CeV Design, 11 Spring St., Reading, MA 01867, (617) 942-0209

❖ *MISCELLANEOUS* ❖

ARM 1000
The Amiga ROM module is a pass-through device for the A1000. Up to two user-supplied KickStart ROMs (e.g.,v1.3 and v2.04) can be installed, allowing the machine to be booted under either operating system. Additional circuitry prevents switching during normal operations, thereby eliminating the potential for disk write errors. Allows for a small hardware modification which makes an extra 256K of RAM available for use. One-year warranty. $99.00
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

Aladdin Lighting Control System
Simple to use lighting control featuring graphic interface. Unique package transforms your Amiga 600/1200/2000/3000/4000 into a powerful lighting design/control desk suitable for use in theater, television/video studios, entertainment, environmental, and architectural applications. 48 channel/48 dimmer version plus 96 channel/192 dimmer version. Requires Workbench 2.0. Aladdin 48: $1000, Aladdin 96: $2000.
Phoenix Microtechnologies Pty. Ltd., 18 Hampton Road, Keswick, South Australia 5035, (011) 618-293-8752

Aladdin Multimedia Dimmer Rack
12-channel digital dimmer rack, DMX 512 standard plus MIDI input: 200 watts per channel. Requires Aladdin Lighting Control software/hardware. $875.00
Phoenix Microtechnologies Pty. Ltd., 18 Hampton Road, Keswick, South Australia 5035, (011) 618-293-8752

Miscellaneous Hardware

Aladdin Production Dimmer Rack
12-channel digital dimmer rack, accepts international standard DMX 512 data, 2400 watts output per channel. Also accepts MIDI data. Requires Aladdin Lighting Control software/hardware. $1300.00
Phoenix Microtechnologies Pty. Ltd., 18 Hampton Road, Keswick, South Australia 5035, (011) 618-293-8752

BIGFOOT Power Supply
Updated version is now 200-watt power supply for the A500, A600, and the new Amiga 1200. The Bigfoot is in a white matching enclosure and provides a full 200 watts of clean, fan-cooled power.Provides five additional hard/floppy connections. Adapters available for Supra, 6VP hard drives, etc. Accepts AC input voltages from 90–132 or 180–269 volts at frequencies from 47 to 63 Hz. 1-year warranty. $129.00
Micro R & D, Inc., 721 O Street, PO Box 130, Loup City, NE 68853, (308) 745-1243

◆ **Bigfoot 2000**
The Bigfoot 2000 carries on the tradition set by the Bigfoot 500 of bringing extra power to the Amiga line. The Bigfoot 2000 is an internal replacement power supply for the Amiga 2000. The Bigfoot 2000 provides 300 Watts of fan-cooled power for the Amiga 2000 user. The Bigfoot 2000 is ideal for the Toaster user who has run out of power. The Bigfoot 2000 makes a great replacement for anyone wanting more power for 040 boards, extra RAM, etc: The Bigfoot 2000 is available through Amiga dealers and distributors or direct from Micro R&D. $189.00
Micro R & D, Inc., 721 O Street, PO Box 130, Loup City, NE 68853, (308) 745-1243

Eprommer
Eprom programmer for 2716 through 27512, 27513, 27011 for standard, A, and CMOS parts. You can read proms as well as save to disk. $149.95
Rio Computers, 3310 Berwyck St., Las Vegas, NV 89121, (800) 782-9110

ISOBAR® Ultra Surge Suppressor
ISOBAR Ultra Surge Suppressor is UL listed for UL1449 (330 Volt-let-through) and UL 1283 (electromagnetic filter). Available in 4-, 6-, and 8-outlet models. Features isolated filter banks to prevent interference between connected components, two or three UL listings, multiple filtering components, and rugged, all-metal case. Diagnostic indicators display wiring faults and protection status. Six-foot line cord, circuit breaker, and illuminated on/off switch. Lifetime warranty covers unit and equipment connected to it. Also guaranteed against surge damage, including direct lightning strikes. 4 outlets: $89.95, 6 outlets: $104.95, 8 outlets: $119.95.
Tripp Lite, 500 N. Orleans, Chicago, IL 60610-4188, (312) 329-1777

Keyboard Adapter
Plug adapter which allows the use of an A2000 keyboard on the A1000. $24.95
Advanced Integration Research, 3006 North Main Street, Logan, UT 84321, (801) 753-4947

◆ **Kool-It**
High efficiency fan kit. Generates constant cooling airflow to create a problem free work environment for all your internal parts. Reduces operating temperature and avoids overheating and system failures, 50,000+ hrs. for models A500, A1200, A600, A2000, A4000. $29.95
Better Concepts, 22 N. Main St, Ste 393, New City, NY 10956, (800) 25-AMIGA

◆ **Kool-It Plus**
Same basic idea as Kool-It but concentrates on your most important chip: The CPU Agnus. Combination fan/heat sink clips directly onto chip and draws out all heat, allowing your CPU to work uninterrupted by heat problems. Great for higher end Amigas, 50,000+ hrs. Available for all models. $19.95
Better Concepts, 22 N. Main St, Ste 393, New City, NY 10956, (800) 25-AMIGA

❷ **MEMOPLUG for the Amiga**
Designed to protect software from being copied. Plug connects to Amiga's parallel port leading to the printer. Plug is totally transparent, both to end user and printer. The software that is included (object code) will totally avoid any operation of the program when plug is disconnected. Includes C source code samples showing how to use MEMOPLUG routine, serial numbering, demo mode, and secret code for each software house using it. Runs on any Amiga with any OS. Price includes secret code; any plugs you order will be programmed with that code. Each plug $24, min. 50 plugs per order. $500.00
HarmonySoft, 69 Jabotinsky Street, Givatayim, Israel 53319, (011) 972-331-5967

MultiStart II 6A
Allows A500 and A2000 owners to install multiple Kickstart ROMS in their computer. Lets you switch between ROMs with the keyboard. This version is compatible with all Amiga 500 and 2000 versions, including the A500 Plus. The MultiStart II 6A is compatible with most internal accelerators for the A500 and A2000. No external wires or switches required. Price stated is without ROMs. $59.95
DKB Software, 50240 West Pontiac Trail, Wixom, MI 48393, (313) 960-8750 support

NES, Inc. AM-205M Two Port Serial Card for MIDI Applications for Amiga 2000/3000
Provides dual access for MIDI applications. Available July 1992. $274.95
N.E.S. Corp., 4660 SW Flower Place, Portland, OR 97221, (503) 246-9311

NES, Inc. AM-205R Two Port Serial Card for RS-232 Applications for Amiga 2000/3000
Provides dual access for high speed serial RS-232 applications. $274.95
N.E.S. Corp., 4660 SW Flower Place, Portland, OR 97221, (503) 246-9311

Polaroid CI-3000/CI-5000 Driver
This driver allows any image loaded into Art Department Professional to be rendered onto film using the Polaroid Digital Palette. The CI-3000, CI-5000 and CI-5000S models are supported as well as a large number of camera backs. Requires a Polaroid Digital Palette (CI-3000 5000 or 5000S) and Art Department Professional. $200.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

◆ **Qwika Switcha**
The ultimate 4 socketed ROM selector, comes complete with built-in expansion for future use. Unit provides space for 1.3 & 2.x ROMS as well as two additional sockets to use later as new ROMS become available. Compatible with all software on the market. Simple plug in installation. No tools or soldering. A500/A2000. $29.95
Better Concepts, 22 N. Main St, Ste 393, New City, NY 10956, (800) 25-AMIGA

Robotarm
Full-function five axis movement can manipulate small objects with amazing human-like dexterity. Comes with finger jaws, shovel scoop, magnetic attachment, and two joysticks. $89.95
Rio Computers, 3310 Berwyck St., Las Vegas, NV 89121, (800) 782-9110

❷ **SA Upgrade Kit**
SA host adapter owners who have version 34.808 ROMs should consider this upgrade if they are planning on moving to the new System 2.0 operating system. Version 34.8081 upgrade ROMs and instructions for installation are included. One-year warranty. $19.95
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

◆ **SCSI Expander**
The ATTO SCSI Expander eliminates the limitation of seven devices on a SCSI bus by mapping each SCSI bus ID to seven additional devices. The increases the maximum number of SCSI devices to 49. The ATTO Expander manages transactions and device mappings between two independent SCSI buses through the use of Logical Unit Numbers. Operation is completely transparent to the host. Special options allow high level functions such as disk striping, disk mirroring, and disk spanning to be added to any existing system without drivers or system changes.
ATTO Technology Inc., Baird Research Park, 1576 Sweet Home Rd., Amhurst, NY 14228-2170, (716) 691-1999

SHARP JX-100 DRIVER
This WYSIWYG driver allows the JX-100 owner to scan from within ADPro providing high quality color image input up to 6.4 by 4 inches in size. Includes stand-alone version. $129.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

SHARP JX-300, 320, 450, 600 Driver
This is the software only version of Professional ScanLab II for those users who already own an ASDG GPIB interface card. This WYSIWYG driver allows users to scan from the JX-300, JX-320, JX-450, and JX-600 color scanners from within ADPro. Includes stand-alone version. Scanners available through Sharp Electronics; see Vendor Information. $300.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

Scannery
Scannery is a software/hardware package that interfaces the HP ScanJet series of flatbed scanners. High quality images may be scanned in resolutions from 12 to 1500 dpi in black and white, four dither patterns, or in 16 or 256 grayscales. The images can be saved in a rich variety of formats for inclusion in any desktop publisher on most computers, or faxed out through the AEfax/modem. It features ease of use and installation. $250.00
Concise Logic, 36 Tamarack Ave., Ste. 315, Danbury, CT 06811, (203) 746-6739

❷ **SwitchStart**
Adapter board which plugs into the KickStart ROM socket and enables the user to switch between two versions of KickStart (for example 1.3 and 2.0). Works in A2000, A500, and A1000 with Rejuvenator installed. Also has a jumper to enable A500s with Rev 5 motherboards to use the new 2.0 KickStart ROM. NTSC/PAL compatible. Requires A500,2000,1000 with Rejuvenator. $59.95
Expert Services, 7559 Mall Rd, Florence, KY 41042, (606) 371-9690

Symposium
Voice mail plug-in card for Amiga 2000/2500 series. Simulates answering machine, call forwarding, voice-mail boxes, Touch Tone remote computer control, Touch Tone walk through menu/information manager from remote phone, remote Touch Tone I/O control/monitor, Amiga text reading speech to a remote phone. Requires A2000/2500 series with 1MB RAM and hard drive. $199.00
Pacific Digital, 13552 Portsmouth Circle, Westminster, CA 92683, (714) 373-4112

TACH 25
Hardware/software system for archiving software. High speed duplication works with two to four drives. Copy up to 81 tracks. Duplicate non-Amiga formats. $89.95
Rio Computers, 3310 Berwyck St., Las Vegas, NV 89121, (800) 782-9110

The Air Compressor
Data compression card. Compresses at speed of operating system. Compresses 880K/second. Uses embedded algorithms for speed and accuracy. Includes software and utilites for a transparent operating interface. Access compressed files instantly. For A2000/3000, A500 with expansion slot. Available November 15, 1992. $375.00
Advanced Integration Research, 3006 North Main Street, Logan, UT 84321, (801) 753-4947

❷ **The Bit Knitter**
A computer-knitting machine interface which allows you to design in a paint program on the Amiga and download the design to an electronic

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Miscellaneous Hardware

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knitting machine. Watch the progress of the design as you knit. The manual instructions are written for DeluxePaint although other programs may be used. The following knitting machines are supported: Studio/Singer, Brother/Knitking, and Passap Electronics. AmigaDOS 2.0 compatible. $250.00
Cochenille Design Studio , P.O. Box 4276, Encinitas, CA 92023

UPS System (BC-series)
BC-600 LAN UPS System provides 600 VA of emergency power in the event of a blackout. Surge and brownout-protected. Line/Battery power indicator lights and audible alarm. Provides 21 minutes of backup at half load and eight minutes at full load. Made in U.S.A, two-year warranty. RFI/EMI-protected. Also available in 250 to 4400 VA, as well as LAN-specific and true on-line UPS models. $377.00
Tripp Lite, 500 N. Orleans, Chicago, IL 60610-4188, (312) 329-1777

❖ *CD-ROM* ❖

CDROM-FS
CDROM-FS version 702 enables Amiga owners to connect most SCSI CD ROM drives to an Amiga with a SCSI interface. This software provides support for industry standard ISO 9660/High Sierra format CD ROM discs. It comes with clear, concise instructions, making it easy to install and use. $50.00 Canadian. Requires A590, A2091, A3000, or Microbotics Hardframe GVP. $49.95
Canadian Prototype Replicas, P.O. Box 8, Breslau, Ontario, Canada N0B 1M0, (519) 884-4412

CDx Disk Set
All software needed to attach a SCSI CD-ROM drive to most popular SCSI controllers, plus a printed manual and two CD-ROM discs (Fish & More Vols. I and II). Software includes: CDxFileSystem for access to ISO 9660, High Sierra, and Mac HFS, and single-session Photo CD discs, CDTV emulation software to run most CDTV titles (1MB chip RAM recommended), CDXL, audio CD player software, comprehensive installation software, multi-language developer support, and more. NTSC/PAL compatible. Requires SCSI controller, SCSI CD-ROM drive. AmigaDOS 1.3/2.0/3.0 compatible. $50.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

CDx-650E
An external CD-ROM drive system in its own small enclosure. Includes CDx software disk, SCSI cable, disc caddy, and Xetec's 'Fish & More' Vols.1 and II with over 650MB of freely distributable software including the Fred Fish library (up to #470). Also plays audio CD's with included software. Requires SCSI controller. AmigaDOS 2.0 compatible. $499.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

CDx-650I
An internal CD-ROM drive system (5.25-inch format) for the A2000/2500/A4000. Includes the CDx software disk, audio and ribbon cables, disc caddy, and the 'Fish & More' Vols. I and II discs. Also plays conventional audio CD's. Requires SCSI controller. AmigaDOS 2.0 compatible. $409.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

CDx-650LE
External CD-ROM drive system like the CDx-650E but in a larger enclosure with a 120/230-volt selectable power supply for international use. Requires SCSI controller. AmigaDOS 2.0 compatible. $549.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

CDx-Driveless
Add a CD-ROM drive to make a complete external CD-ROM system. Includes chassis with power supply, CDx software disk, SCSI cable, disc caddy, and 'Fish & More' Vols. I and II discs. Requires SCSI controller. AmigaDOS 2.0 compatible. $150.00
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

❖ *UNINTERRUPTIBLE POWER SUPPLIES* ❖

Fortress
Line-interactive, computer-grade uninterruptible power systems with outstanding lightning protection and RF noise filtering. Digital meter display and keypad allows control and display of nine meter functions and alarm set points. Seven alarms sound audibly and are shwon on display. Smart communications port allows interface with terminal or computer. Complete with sealed, maintenance-free battery, four output receptacles and line cord. Three LED indicators for Line, Battery and Alarm. Price: $549-2,699.
Best Power Technology, P.O. Box 280, Necedah, WI 54646, (800) 356-5794

Remote Control Panel (RCP)
Designed to make UPS even easier to use. Comes standard on Best's FD and RD series FERRUPS UPS models; available as option on ME and RE models. The RCP lets you monitor and control your UPS from a remote location. Features automatic communications, user-programmable display and set points, remote security, easy-to-see LEDs, runtime and power and operations monitoring, battery and inverter checks, and alarm and inverter logs.
Best Power Technology, P.O. Box 280, Necedah, WI 54646, (800) 356-5794

Topaz CUB UPS
Provide inexpensive power conditioning for large LAN systems, high-powered servers and workstations, networking devices, and critical data applications requiring higher battery backup. VA models as well as line interactive (VR) series which provides true brownout and overvoltage regulation. Lightweight, easy to install, rugged design. $189 to $1,295 for 250 VA up to 1400 VA; 800 VR series: $799, 1000 VR series: $1,095, 1400 VR series: $1,395.
Square D Company/EPE Technologies, 1660 Scenic Ave, Costa Mesa, CA 92626, (714) 557-1636

❖ *VIRTUAL REALITY/GRAPHICS* ❖

AmiVR1
Stereoscopic 3D Amiga and video viewing system for one viewer. Includes 1 pair liquid crystal electronic shutter glasses, 1 AmiVR video interface, 1 3D VHS videotape, cable, power supply, attractive padded carry case, and Amiga 3D stereoscopic demo disk. Developers please inquire for 3D stereoscopic programming support. The AmiVR1 video/LCD glasses interface connects either to the NTSC video output of the Amiga (A500, A600, A1000, A1200, A2000, A2500) or via the A520 video adapter for the A3000 or A4000. The LCD glasses synchronize to the Amiga 3D graphics through the NTSC video signal's sync. The AmiVR1 also works completely independent of the Amiga with any NTSC video tape player (VHS, SVHS, 8MM, or Hi8) for viewing any of our library of over 80 3D stereoscopic videos (computer graphics, feature films, travelogues, and more). Write or call for list of available tapes. With AmiVR systems you can create authentic virtual reality simulations and stereoscopic videos of your own. The AmiVR is ideal for use with Animatrix Modeler, VistaPro 3.0, ImageMaster, Imagine, and other professional Amiga 3D rendering software with left/right eye view capabilities. Using field-sequential steroscopic 3D technology, the stereoscopic images produced with these Amiga software packages can be recorded to video tape and viewed with AmiVR connected to a VCR and NTSC monitor. Now includes AmiVR disk with new SPX realtime double-buffered ARexx animation and drawing tools, sample 3D pics, tips on using today's Amiga software for 3D stereo creation, developer library, documentation, and 3D games. Contact MegageM for other professional virtual reality and stereoscopic 3D video production systems (dual camera systems, projection video stereoscopic equipment, etc.). Shipping $10.00 in North America. Inquire for abroad. $300.00
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

AmiVR2
Stereoscopic 3D Amiga and video viewing system for two viewers. Includes 2 pair liquid crystal electronic shutter glasses, 1 AmiVR video interface, 2 3D VHS videotapes, cable, power supply, attractive padded carry case, and Amiga 3D stereoscopic demo disk. Developers please inquire for 3D stereoscopic programming support. The AmiVR1 video/LCD glasses interface connects either to the NTSC video output of the Amiga (A500, A600, A1000, A1200, A2000, A2500) or via the A520 video adapter for the A3000 or A4000. The LCD glasses synchronize to the Amiga 3D graphics through the NTSC video signal's sync. The AmiVR1 also works completely independent of the Amiga with any NTSC or dual standard (for PAL) video tape player (VHS, SVHS, 8MM, or Hi8) for viewing any of our library of over 80 3D stereoscopic videos (computer graphics, feature films, travelogues, and more). Write or call for list of available tapes. With AmiVR systems you can create authentic virtual reality simulations and stereoscopic videos of your own. The AmiVR is ideal for use with Animatrix Modeler, VistaPro 3.0, ImageMaster, Imagine, and other professional Amiga 3D rendering software with left/right eye view capabilities. Using field-sequential steroscopic 3D technology, the stereoscopic images produced with these Amiga software packages can be recorded to video tape and viewed with AmiVR connected to a VCR and NTSC monitor. Now includes AmiVR disk with new SPX realtime double-buffered ARexx animation and drawing tools, sample 3D pics, tips on using today's Amiga software for 3D stereo creation, developer library, documentation, and 3D games. Contact MegageM for other professional virtual reality and stereoscopic 3D video production systems (dual camera systems, projection video stereoscopic equipment, etc.). Shipping $12.00 in North America. Inquire for abroad. $400.00
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

StereoPro/Amiga
StereoPro is a 3D stereoscopic viewing system for all Amigas. The StereoPro hardware interface plugs into the joystick port #2 and accomodates 1 or 2 sets of LCD shutter glasses (1 set included). Plug-compatible alternative to or replacement for XSpecs3D. Now includes AmiVR disk with new SPX real-time double-buffered ARexx animation and drawing tools, sample 3D pics, tips on using today's Amiga software for 3D stereo creation, developer library, documentation, and 3D games. $225.00
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104

CDTV & CD^{32}

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❖ *TITLES* ❖

A Bun For Barney
A Bun For Barney is a delightful animated story for children aged 3 to 6 about a bear who learns to say 'no.' As they watch, children can make characters pop up, play learning games, and perform songs. Children can read each sentence as it is spoken in the narration or select individual words to hear them pronounced. Animated by Melendez Films, producers of the well-loved PEANUTS specials on CBS Television, and narrated by Tom Baker, star of Dr. Who. $49.95
Multimedia Corporation, 109X Regents Park Road, London, England NW1 8UR, (011) 4471-722-7595

❷ A Long Hard Day on the Ranch
Desperate bandits, runaway cattle, and broken toes hold no terrors for our imaginative hero. This tall tale shows how a young boy imagines his days at his uncle's ranch-while accompanying illustrations show the more mundane reality. As with any of the Discis Books, you can ask it to read your favorite passages, to explain or pronounce unfamiliar words, and even to identify objects in the accompanying pictures. The wide range of built-in educational options includes music and sound effects to enhance reader appreciation, and optional Spanish pronunciation. AmigaDOS 2.0, NTSC, and PAL compatible. $44.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario, Canada M2N 5W9, (416) 250-6537

Advanced Military Systems
Advanced Military Systems includes over 1000 breathtaking action shots of the world's most exciting and powerful military systems. In addition to the narration, each system includes text, specifications, and the ability to view each image individually. Advanced Military Systems includes the Soviet MiG-29 Fulcrum jet, U.S. M1A1 Abrams tank, Iraqui al-Abbas missile, Israeli Kfir jet, U.S. Nimitz-class aircraft carriers, Soviet Typhoon-class submarines, U.S. F-117A Nighthawk 'stealth' fighter, and much more. Over 100 systems in all. $39.95
Dominion Software & Design, Inc., 3328 Oakshade Court, Fairfax, VA 22033

Animals In Motion
Using historic footage from Eadward Muybridge, Animals In Motion gives a fascinating insight into animal locomotion. From horses, dogs, cats, across the spectrum of the animal kingdom to exotic creatures like guanacos and sloths, Animals In Motion is an unsurpassed resource of animated photographic images. From artist to scholar, historian to naturalist, both young and old, Animals In Motion is a valuable encyclopedia of animal reference. Animals In Motion can be enjoyed like a book, watched like a documentary, or used like a database. Works on any 1MB Amiga and A570. $50.00
On-Line Entertainment , 642A Lea Bridge Road, Leyton, London, E10 6AP England, (011) 4481-558-6114

Barney Bear Goes to School
Barney Bear Goes to School is a learning game for pre-school children that combines colorful, animated graphics and rich, 'multi-track' audio. It consists of two segments: Storytime, which shows children how to get ready for a day at school, and Schoolroom, which lets children select and play many learning activities. Storytime shows Barney Bear getting ready for school and teaches children to clean their room, to eat a good breakfast, and to look both ways before crossing streets. The game asks children to identify objects on the screen and then rewards them for correct choices with audio response. Once Barney is in his schoolroom, children may choose from activities such as spelling games, counting games, colors, shapes, and a coloring book. $39.95
Free Spirit Software, Inc., P.O. Box 158, Trafalgar, IN 46181, (812) 376-9964

Basketball
Basketball brings all the on-court excitement and backroom strategy of real-life basketball into your own home. The SBA League allows you and a friend to own, manage, and coach your own basketball teams. Recruit from the Minor Leagues, improve your current roster at training camp, or trade for other players with varying ages, injuries, and abilities. Team stats chart the past 9-years of every team in the league. All-time individual and team records kept for the history of your franchise. Complete nine year player stats document your team's performance. Control the on-court action with precision passing and shooting, aggressive defense, and slam dunks! One or two players can challenge each other, or watch the computer play itself. $49.95
Context Systems, Inc., The Technology Center, 333 Byberry Road, Hatboro, PA 19040, (215) 675-5000

Battle Chess
An entire medieval world at war is reflected on the checkered field. Colorful and dramatic 3-D animation. Over 4MB of animation and 10 different difficulty levels, 400K of digitized sound effects. Modem capability for remote play. Opening library of 30,000 moves. Play against a friend, against the computer, or let the computer play itself. Requires CDTV only. $59.95
Interplay Productions, 3710 Susan #100, Santa Ana, CA 92714, (714) 553-6655

Battlestorm
Message received on all emergency channels: 'There is a state of emergency on all frontier worlds. The Kalomarian enemies are taking over this galaxy. Their state-of-the-art command vessels, the Battlestorm starships, are capable of destruction on a stellar scale. There is little time to counterattack these invaders. The Empire is already defenseless, nevertheless we hold hope, as the ancient prophecy has foretold: From the ashes of conquest shall rise a warrior and the storm will be blown away.' The future of the Empire of Worlds is in your hands. You will need all the help you can get if you are going to destroy the Battlestorm starships and launch your final attack on their headquarters. $44.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

CDTV MiG-29 Fulcrum
Fly the Soviet Union's MiG-29 Fulcrum, probably the best fighter aircraft in the world. A simulation which combines real sounds and images to produce the thrills of combat and give an unprecedentedly high level of unique and accurate technical detail. Prove your skills in an array of gruelling missions in real-life scenarios. A totally realistic interactive flight simulator. Available in March 1992.
Domark, Dist. by Accolade, 5300 Stevens Creek Blvd, San Jose, CA 95129, U.K. address in Vendor list, (415) 513-8929

Chaos in Andromeda
Chaos in Andromeda is a fantasy role-playing game set on Koranis 12. Your mission is to find and bring back the political figure and scientist Mr. Noko Yai. He has been kidnapped; if you can't bring him back you must destroy him. Available for NTSC and PAL. $50.00
On-Line Entertainment , 642A Lea Bridge Road, Leyton, London, E10 6AP England, (011) 4481-558-6114

Classic Board Games
Classic Board Games enables you to play Chess, Checkers, and Backgammon on your television. Pit your skill against the game and select the level of difficulty or challenge a human opponent. Games are simply and easily controlled with the CDTV remote controller. Audio directions and updates are provided in six languages: English, German, Japanese, French, Spanish, and Italian. No knowledge of the games is required. $49.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Composer Quest
Music HIstory comes alive by taking you on a tour through time to investigate the greatest composers in classical and early jazz music, from the year 1600 into the 20th century. Composer Quest has two distinct modes of operation: one presents the material in the form of a lesson, the other in the context of an adventure game. The program also cross-references important events in world history, art, and sociological changes through the years. English, French, and German. $99.00
Dr. T's Music Software, Inc., 124 Crescent Rd., Ste 3, Needham, MA 02194, (617) 455-1454

Dennis Wheatley's Herewith the Clues
A most enjoyable and intruiging detective-style mystery. Set in the 1930's, you play the role of a detective, searching through a complex array of clues and suspects to reveal the murderer of a police informant. A totally new design of interactivity, where the clues are made up of real tape recordings of secret conversations, photos, and hidden camera film of private meetings, animated exhibits, dossiers, and police reports. With 20 possible suspects and hundreds of clues, no two games are ever the same. Using interactive interface you piece together the evidence to build your case–but it better be strong to get a conviction!
Domark, Dist. by Accolade, 5300 Stevens Creek Blvd, San Jose, CA 95129, U.K. address in Vendor list, (415) 513-8929

Dinosaurs for Hire
What happens when three out-of-time gun-toting dinosaurs hit the streets? Bullets fly, evil-doers tremble, and insurance rates go through the roof. Dinosaurs for Hire is another in a series of comic books on disc. Hundreds of pages, thousands of screens, and more fun than you can shake a Tyrannosaurus at. NTSC/PAL. $19.95
Wright Works III, Inc., 4 Hudson Road, Temple, NH 03084, (603) 878-1491

Dominion
Dominion is a traditional strategy game brought to television. Each player buys and sells national resources and maneuvers his or her armies, fleets, and air forces to protect and expand territory. Dominion is set late in the 21st century with each player controlling one of the seven great empires of the world. The action is enhanced with music, sound effects, high-quality action images, and animation. CDTV keeps track of the tedious chores of a traditional board game–scoring, dice rolling, ramdom events, rule umpiring–and enhances it with exciting multimedia action and a fluid pace. Dominion can be played by one to seven players. Available Summer 1991. $49.95
Dominion Software & Design, Inc., 3328 Oakshade Court, Fairfax, VA 22033

♦ New Product Listing
❷ AmigaDOS release 2 Compatible *(Vendor Verified)*

Electric Crayon Deluxe: All Dogs Go To Heaven
All Dogs Go To Heaven is an exciting title that transforms your television into an electric coloring book. With 30 delightful and enchanting coloring book pictures and spoken words and songs, the disc tells the story of Charlie B. Barkin, a roguish German Shepard with a con man's charm and a marshmallow heart. Based on the animated film by Don Bluth, this disc is a must for all children and the young at heart. $14.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Emergency Languages
Going abroad at short notice and can't speak the language? Emergency Languages is for you. Useful phrases covering all those everyday needs from taxis to airports to a drink in the bar are read out to you. Don't be at a loss for words; get a crash course in French, German, Spanish, Italian, Japanese, and Danish. Works on any 1MB Amiga and A570. Available 2nd quarter 1992. $50.00
On-Line Entertainment , 642A Lea Bridge Road, Leyton, London, E10 6AP England, (011) 4481-558-6114

Fantastic Voyage
Based on the 20th Century Fox film, Fantastic Voyage challenges players to make their way through the human bloodstream in order to destroy a bloodclot in the brain, fighting antagonistic white blood cells, antibodies, and other hazards along the way. The game features unique organic graphics and sound effects. $49.95
Centaur Software, Inc., 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

Fun School 3
Fun School 3 for the Under 5s consists of six educational activities that help to develop many skills including number, shape, and word recognition. Your child can learn at his/her own pace. Beautifully created pictures, stunning animation, and exciting sounds make learning fun and effective. Three packages, each with a suite of six multilevel programs. Each program is aimed at different age groups: under five, five to seven years, and over seven. There are several levels of difficulty in each activity. A parent-teacher's guide is included. $49.95
Europress Software, Europa House, Adlington Park, Macclesfield SK10 4NP, England, (011) 44-625-859-333

Fun School 5 to 7s
The five to seven pack follows the under 5s successful formula of six educational games, each with several levels of difficulty, covering all the children's favorite subjects. These help develop many skills including number and word skills at a child's own pace. The games are Toyshop, Electricity, Collect, Funtext, Time, and Journey. Beautifully created pictures, stunning animation, and exciting sounds will keep children coming back for more again and again. $49.99
Europress Software, Europa House, Adlington Park, Macclesfield SK10 4NP, England, (011) 44-625-859-333

Future Wars
Travel back and forth through time to save the earth from future destruction by alien invaders. Over three years in development, the animated cinema-style graphics, user-friendly interface and digitized sound track combine to form a complete gaming experience. Requires CDTV only. $59.95
Interplay Productions, 3710 Susan #100, Santa Ana, CA 92714, (714) 553-6655

Heather Hits Her First Home Run
The bases are loaded, her friend Jeffrey is on third, and everyone is calling for a home run as she steps up to bat. All in all, it's a pretty frightening moment for Heather–but she comes through. This story tells of how children feel in life's crucial moments. As with any of the Discis Books, you can ask it to read your favorite passages, to explain or pronounce unfamiliar words, and even to identify objects in the accompanying pictures. The wide range of built-in educational options includes music and sound effects to enhance reader appreciation, and optional Spanish pronunciation. AmigaDOS 2.0, NTSC, and PAL compatible. $49.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario, Canada M2N 5W9, (416) 250-6537

Hound of the Baskervilles
A maze of intrigue and passion comes to light in the granite wilderness of Dartmoor as the curse of the Baskervilles strikes again. The Hound of the Baskervilles CDTV disc recreates Sherlock Holmes' greatest case from contemporary evidence, using original papers found in Dr. Watson's tin dispatch box. Watson, Holmes' famous friend and assistant, kept all the records and evidence meticulously and now you too can follow in his footsteps, clue by clue. Journals, newspaper cuttings, telegrams, letters, notes, police reports, photographs, and material evidence have been assembled together to document the mystery of The Hound of the Baskervilles. It is only by narrowly escaping death that Holmes and Watson solve the mystery of the spectral hound. With a plot from the genius of Sir Arthur Conan Dole and a game designed by the renowned Simon Goodenough, the atmosphere is heavily laden with suspense and drama. Works with any 1MB Amiga and A570. $50.00
On-Line Entertainment , 642A Lea Bridge Road, Leyton, London, E10 6AP England, (011) 4481-558-6114

Illustrated Shakespeare
The complete works of the world's greatest playwright is now available on a single compact disc. From the comfort of your arm chair, you can read the complete works including plays, poems, and sonnets. All major scenes are illustrated with reproductions of original woodcuts. Electronic reference technology allows instant searches to be made on the entire text using simple and easy functions. Features include easy-to-use graphic display, instant search for word or phrase, complete concordance, bookmark facility, woodcut illustrations, and illustrated 'Dramatis Personae' for each character. $49.95. £29.99. $49.00
Animated Pixels, Albemarle House, Osborne Rd., Southsea, Hants, PO5 3LB United Kingdom, (011) 4470-529-1866

Illustrated Sherlock Holmes
Sherlock Holmes, the world's greatest detective, is now available on a single CD-ROM. The complete set of 60 exciting stories are beautifully illustrated in full color. All text is complimented by atmospheric music. Features include over 250 color illustrations relating to the text, appealing graphic display, bookmark facility, choice of 10 custom fonts and search facility. $49. £34.99. $49.00
Animated Pixels, Albemarle House, Osborne Rd., Southsea, Hants, PO5 3LB United Kingdom, (011) 4470-529-1866

Interplay CDTV
Interplay CDTV is an authoring system for use by CDTV developers. No programming skills are required as Interplay utilizes a DTP type freeflow page layout system. Features: Supports all display modes, SMUS music files, sound samples, animations, text, media spooling for unlimited length animations and samples. VAXL motion video playback with CDTV disc simulation plus much more. Totally optimized for compact disc operation. PAL/NTSC compatible. AmigaDOS 1.3 and 2.0 compatible. Minimum 1MB RAM, two floppy drives; 4MB RAM and 40MB hard disk recommended. $5000; £1,900.
Optonica Ltd., 1 The Terrace, High Street, Lutterworth, Leicestershire, England LE17 6BA, (011) 4445-555-8282

LTV English
LTV English helps people learn English as a second language. Conceived for use in a family setting, it helps to improve oral comprehension for many levels of competence. Over 30 situations and more than 150 exercises are included. LTV English provides a cultural approach to the United Kingdom and to the United States via a series of 'news reports' on London (daily life), Los Angeles (pop culture), and contemporary issues. It allows the user to familiarize himself with the English and American accents, and to rapidly improve his mastery of the language. $49.95
Jeriko, 5 Bld. Poissoniere, 75002 Paris, France

Lemmings
Lemmings establishes a brand new category of game for the Amiga. You've never seen anything like it! Hordes of tiny characters that you have to guide through many levels of obstacles and adventures building bridges, digging tunnels, climbing mountains, parachuting to safety. Get them on their way through each level as quickly as you can, or they start to innundate you and happily proceed to their own oblivion. Each level requires you to construct increasingly complex routes to save as many Lemmings as you can. Lemmings features tiny, incredibly-detailed and expressively-animated characters (up to 100 Lemmings on the screen at once), one-player or split screen two-player action, 120 mind-blowing increasingly difficult playing levels, and some of the most entertaining game playing music you'll ever hear. This one is a classic! $49.99
Psygnosis Limited, 675 Massachusetts Ave., Cambridge, MA 02139, (617) 497-5457

Lunar Rescue
All your wits and skills will be challenged in this race to rescue the crew of Apollo 19, stranded on the moon during a mission. Digitized NASA footage provides realism. Cinematic cut-scenes create suspense. An animated Space Database teaches you important facts about space and our solar system using digitized graphics and sound effects. Features include: digitized miniature sets and plastic models and a professionally orchestrated CD AUDIO sound track. Over 20 MB! The disc contains English, French, German, Italian, Japanese, and Spanish. $49.99
Odyssey Software, P.O. Box 367, N. Eastham, MA 02651, (508) 240-2317

Moving Gives Me A Stomach Ache
Moving is not easy for anyone, but for a little boy it is especially hard. This is a warm, sensitive story that explores children's feelings about moving and shows them that it's not so bad after all. As with any of the Discis Books, you can ask it to read your favorite passages, to explain or pronounce unfamiliar words, and even to identify objects in the accompanying pictures. The wide range of built-in educational options includes music and sound effects to enhance reader appreciation, and optional Spanish pronunciation. AmigaDOS 2.0, NTSC, and PAL compatible. $49.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario, Canada M2N 5W9, (416) 250-6537

Mud Puddle
Have you ever wondered how kids get so dirty? Meet a walking mud puddle and see how it continually ambushes one little girl-until she gets the better of it. As with any of the Discis Books, you can ask it to read your favorite passages, to explain or pronounce unfamiliar words, and even to identify objects in the accompanying pictures. The wide range of built-in educational options includes music and sound effects to enhance reader appreciation, and optional Spanish pronunciation. AmigaDOS 2.0, NTSC, and PAL compatible. $49.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario, Canada M2N 5W9, (416) 250-6537

NASA...The 25th Year
First in the Heroic Age of Spaceflight series. This overview of the early decades of America's quest for the stars is one of the first CDTV titles to use the CDXL motion picture format: .25 screen, 10 frame per second motion picture from 5.25-inch CD. Subjects covered include early aeronautic research, the Soviet challenge and U.S. response, Project Apollo, Voyager and Viking, the Space Shuttle program, and future prospects. Viewer can select from the indexing system of 12 sections only those parts of the movie that he wants to see. Requires 1MB. Displays properly on both NTSC and PAL screens. $24.95
Troika Multimedia, Inc., 3900 North Fairfax Drive, Ste 404, Arlington, VA 22203, (703) 841-5160

Nam
The longest and most controversial conflict in US history. A war fought in the White House and in the steaming jungles of S.E. Asia. As president you can use your political and military skills to change the course of the war and rewrite history. Balance military commitment against public opinion. Nam is an extremely accurate strategic model of the Vietnam War, with great playability. It combines historical detail from pages of the real tabloids of the Time and Time/Life magazines, with actual music, reports, and film of the era, to produce a highly entertaining simulation. This is the Apocalypse Now for CDTV. Available in March 1992.
Domark, Dist. by Accolade, 5300 Stevens Creek Blvd, San Jose, CA 95129, U.K. address in Vendor list, (415) 513-8929

Ninja High School
Ninja High School is a tong-in-cheek comic book on a CD. Jeremy Feeple, an otherwise normal American kid, gets involved with the strangest characters when a princess from outer space and the daughter of a secret Ninja society start competing for his affection. Hundreds of pages, hours of fun, and much better looking than those silly turtles. PAL/NTSC. Available July 1992. $19.95
Wright Works III, Inc., 4 Hudson Road, Temple, NH 03084, (603) 878-1491

North Polar Expedition
North Polar Expedition is an exciting multi-role-playing adventure disc for groups of five to ten. The adventure simulates a journey to the Pole with real pictures and sounds from actual Arctic expeditions. In a race against time before the ice-pack breaks up, the group members take on the roles of leader, navigator, pilot, and so on, and must make the right decision to succeed in their quest. They also learn about the Arctic environment and develop important geographical skills. Ideal for small groups. $49.95
Virgin Games, Inc., 18061 Fitch Ave., Irvine, CA 92714, (714) 833-8710

Pandora's CD
A multimedia demonstration CD for CDTV including 2000 graphic color clip art library, photolibrary, textures library, sound fx library. Insight: technology sampler, multimedia demonstrations, for POS, POI, training, and education. All with motion video. Disk was produced with Interplay and Videostream. PAL compatible, 50% NTSC compatible.
Optonica Ltd., 1 The Terrace, High Street, Lutterworth, Leicestershire, England LE17 6BA, (011) 4445-555-8282

Power Pinball for CDTV
Pinball at its best! Over a dozen games for the price of one disk. A truly realistic pinball simulator. It reacts with the same snap, the same action. Each machine offers different challenges, digitized sounds, and exciting graphics. Contains both NTSC and PAL versions. $39.95
KarmaSoft, P.O. Box 1034, Golden, CO 80402-1034, (303) 490-2939

Prehistorik
Eat and beat your way through 150 scenes of awesome, nourishing fun and relive the Prehistorik epic in this incredible platform game. Armed with your Diner Club Anticus, proven to be the ancestor of the baseball bat, you start in pursuit of the Hilarious Maxidocus and take on armies of hairy spiders. Explore the virgin icefields of Antarctica, lush tropic jungles, and the dark and mysterious caverns of the shady continent. Don't worry about beatin' and meatin', it's for the good of the T-bone tribe. The hunt for lunch is on; come and get it! $49.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Professional LS-118
Turn your Commodore CDTV and exisitng home stereo into a Karaoke System. Features BBD 1024 stage delay, time 30msec, mike treble and bass control, four mike inputs, audio input selector, music and singing separating system, more. Five volumes of songs available. £199.
Lip-Singing Karaoke Ltd, 55 Great Titchfield St, London W1, England, 011-44-71-436-2813

Psycho Killer
Psycho Killer is an interactive TV experience. Shot on location in Southampton England, it uses photographic images and real actors. High quality audio and digitized images create total reality. The plot and game are interwoven. You are the hero; you must save the girl held by the psycho killer. Confront Psycho Killer, survive, rescue his potential victim, and escape. The story varies based on how you play. Starring A.D. Watts, Tracey Grech, and King Athel. Works on any 1MB Amiga and A570. $50.00
On-Line Entertainment , 642A Lea Bridge Road, Leyton, London, E10 6AP England, (011) 4481-558-6114

Psycho Killer II
Uses new interactive techniques. Psycho Killer II is an interactive movie where you are the hero. You must track the Psycho Killer down through the eyes of a Psychic Investigator. But who is the prey? What forces are at work? There has never been anything quite like this before; the trailblazers of CD interactivity have broken through into new creative territory. Contains adult situations, nudity, language. Works on any 1MB Amiga and A570. Available 2nd quarter 1992. $50.00
On-Line Entertainment , 642A Lea Bridge Road, Leyton, London, E10 6AP England, (011) 4481-558-6114

SCSI-TV
A hard disk interface for the CDTV which fits in rear expansion slot and provides a DB-25 SCSI interface connector and a hard disk disable switch. SCSI-TV is a DMA controller that supports autobooting, the Rigid Disk Block standard, and SCSI-Direct commands. $160.00
Amitrix Development, 4805 - 47 Avenue, Beaumont, Alberta T4X 1G6, Canada, (403) 929-8459

❷ Scary Poems for Rotten Kids
Whether you are frightened by goblins or Gerbelgeks, fog phantoms, or even the dreaded pocket monster, you'll find lots of chuckles and chills in Scary Poems for Rotten Kids. As with any of the Discis Books, you can ask it to read your favorite passages, to explain or pronounce unfamiliar words, and even to identify objects in the accompanying pictures. The wide range of built-in educational options includes music and sound effects to enhance reader appreciation, and optional Spanish pronunciation. AmigaDOS 2.0, NTSC, and PAL compatible. $54.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario, Canada M2N 5W9, (416) 250-6537

Sherlock Holmes Consulting Detective
Capture the mystery and excitement of Holmes' London in this challenging and informative game. You, the player, will match your deductive abilities against the master sleuth himself, Sherlock Holmes. For the first time ever, experience real-time video and audio as Holmes and Watson interrogate potential suspects chosen by you! Search the London Times newspaper for clues, reference Holmes' files for information, or send the Baker Street Irregulars to gather more valuable information for you. You are presented with a mystery to solve, and it is then up to you to trace the threads of evidence through the byways and mansions of 19th century London. Sherlock Holmes is an interactive style detective game which utilizes the hardware and storage capabilities of CD. $69.95
Icom Simulations, 648 S. Wheeling Rd., Wheeling, IL 60090, (708) 520-4440

Sign of Four
The second in the Sherlock Homes series, where the detective's great cases become multimedia adventures. A body lies cold in a locked room. Murdered, but how? The door is locked from the inside. The police are baffled. It's up to Sherlock Holmes to unravel the case. Years have passed, and the great sleuth's casebook has come into your hands. With all the clues, notes, and records of the crime, relive the baffling case of the Sign of Four. Follow in the footsteps of Holmes and Watson, try to crack the case yourself, or reconstruct the mystery. Works on any 1MB Amiga and A570. $50.00
On-Line Entertainment , 642A Lea Bridge Road, Leyton, London, E10 6AP England, (011) 4481-558-6114

SimCity
SimCity puts you in charge as both the mayor and the city planner of a dynamic real-time urban development simulation. Build houses, stores, factories, roads, football stadiums, airports, and parks. Collect taxes and run a city. Bulldoze entire neighborhoods, cause tornadoes and floods–everything is simulated and animated. With three different time periods, your city will evolve through time from the Wild West to Future U.S.A. Build the city of your dreams. $49.95
Maxis, Two Theatre Square Ste. 230, Orinda, CA 94563-3041, (510) 254-9700

Space Wars
Space War is outer space combat action at its best. One or two players fight it out for a sector of space. Space War follows in the tradition of classics like Asteroids™ and features arcade-quality graphics and sounds to enhance the heart-stopping action that surrounds your space-faring warship. Play alone or combat another armchair starfighter in the most exciting and dangerous sectors of deep space. We digitized models moving around using a technique known as stop-motion animation to produce incredibly realistic animation. The disc contains English, French, German, Italian, Japanese, and Spanish. $39.99
Odyssey Software, P.O. Box 367, N. Eastham, MA 02651, (508) 240-2317

Spirit of Excalibur
Spirit of Excalibur is an epic quest to restore the grandeur and glory of Arthur's Roundtable. To top off the excitement, the game is accompanied by a grand Wagnerian orchestral score. You explore over 100 beautifully-illustrated unique locations and listen to the conversations of the colorful cast of characters in this rich adventure game. $59.95
Virgin Games, Inc., 18061 Fitch Ave., Irvine, CA 92714, (714) 833-8710

Super Games Pak
Three high-quality arcade games for a single low price. JAILBREAK, BYTEMAN, and DEATHBOTS. Super Games Pak CDTV is not a straight conversion of the 5-disk Amiga game. This is a new version with 15MB of graphics and

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sound effects. The instruction manual is now on the disc and has graphics and sound effects. Each of the games has its own cartoon-like introduction. As a bonus you get the complete Lunar Rescue intro sequence. This is a movie-like sequence which runs for about 14 minutes straight and takes up over 5MB of disc space. English, French, German, Italian, Japanese, and Spanish all available on the same disc. $39.99
Odyssey Software, P.O. Box 367, N. Eastham, MA 02651, (508) 240-2317

The American Heritage Illustrated Encyclopedic Dictionary
Houghton-Mifflin's highly regarded dictionary with 180,000 entries is enhanced in this CDTV version with 3,000 color illustrations and an automated word pronouncer and speller. As with Xiphias' Time Table series, every word on the TV screen is 'hot' so all the material links easily to all other references to that word, turning the material into an exploratorium of the English language. $69.95
Xiphias, Helms Hall, 8758 Venice Blvd., Los Angeles, CA 90034, (310) 841-2790

The Family Circus Video Workshop
The Family Circus Video Workshop is designed to help you create your best videos ever. Based on the nationally syndicated Family Circus comic strip, the Video Workshop allows you to tap the full potential of your CDTV, camcorder and VCR to customize and enhance your own home videos–both new and old. Add the humor of this comic family with the Video Illustrator, featuring hundreds of full color Family Circus comics. Each and every panel can be recorded onto your home videos, directly from your CDTV. The comics have been specially chosen to introduce every family occasion–Mother's Day, Halloween, birthdays, and more. Design and compose your own home movie title screens, with your choice of typeface and background graphics, with the Custom Title Lab, for use with or without The Family Circus comic art. Use the Sound Studio to produce dozens of easy-to-use sound effects, all ready to dub. Improve your video skills in minutes with the 10 Commandments of Better Home Videos, an illustrated 'how to' segment. The Video Workshop is released in English, with German, Italian, Spanish, French, and Japanese versions to follow. $79.95
Context Systems, Inc., The Technology Center, 333 Byberry Road, Hatboro, PA 19040, (215) 675-5000

The Fred Fish Collection CD ROM
The CD ROM contains the entire 700+ disk collection of freely distributable software compiled by Fred Fish. The collection is organized by disk, making it possible to locate any file using existing indices to the collection. The disc also contains a high speed utility for producing Fish disks from the CD ROM in two minutes or less. The disc is updated every four months at a cost of $29.95. Subscriptions available. Compatible with all ISO9660 CD ROM drives, Commodore's L690 CD ROM, and the CDTV keyboard, mouse, and RGB monitor recommended. Workbench 2.0 compatible. Disc is preconfigured for PARNET using the CDTV/A570. $74.95
HyperMedia Concepts, Inc., 5200 Washington Ave., Ste 224, Racine, WI 53406, (414) 632-3766

The Fred Fish Collection OnLine CD ROM
The CD ROM contains the entire 750+ disk collection of freely distributable software compiled by Fred Fish. The collection has been compressed in LHARC format both by disk and program. Text files are included describing the collection. The disk is designed for use on BBS systems based on any platform. The disc is presetup for use as a PARNET node when used with CDTV or A570. Path and file names conform to MS-DOS standards. Updated every four months. Subscriptions available. Special offer if purchased with The Fred Fish Collection on CD ROM. Workbench 2.0 compatible. $69.95
HyperMedia Concepts, Inc., 5200 Washington Ave., Ste 224, Racine, WI 53406, (414) 632-3766

The Illustrated Holy Bible
The Illustrated Holy Bible contains the complete text of the Old and New Testaments together with full color illustrations. Using the CDTV remote controller, the user can select any book or chapter of the Bible within seconds using a novel graphical display. A unique slide show option allows events in the Bible to be located simply by looking for the illustrations. Features include easy-to-use graphical display, complete text of Old and New Testament, full-color illustrations, powerful instant search facilities, and bookmark facility.$49. £29.99. $49.00
Animated Pixels, Albemarle House, Osborne Rd., Southsea, Hants, PO5 3LB United Kingdom, (011) 4470-529-1866

The New Basics Electronic Cookbook
The Silver Palate library of recipes–1800 strong–drawn from a set of three books, have sold in aggregate over 4.5 million copies. The recipes and the informed asides of the two well-known authors, Shirlee Rosso and Sheila Lukins, are accessible through a simple screen presentation. These are designed to allow you to choose recipes by the specific food ingredients they employ. You can select recipes for an appropriate meal-time or special occasion. Richly enhanced with full-color photos of over 450 ingredients, with voice-overs by the authors. $59.95
Xiphias, Helms Hall, 8758 Venice Blvd., Los Angeles, CA 90034, (310) 841-2790

◆ The Night Before Christmas
A father witnesses the arrival of St. Nicholas, who with his dimples and 'a little round belly' fills childrens' stockings before returning to the night. As with any Discis book, you can ask it to read your favorite passages, explain or pronounce unfamiliar words, and even identify objects in the accompanying pictures. The wide range of built-in educational options includes music and sound effects to enhance reader appreciation, and optional Spanish pronunciation. AmigaDOS 2.0, NTSC, and PAL compatible. $39.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario, Canada M2N 5W9, (416) 250-6537

The Paper Bag Princess
Once upon a time a beautiful princess and a handsome prince lived in a castle. Suddenly the castle is destroyed by a fierce dragon, the prince is carried away, and the princess is left with only a paper bag to wear. This story has all the elements of a traditional fairy tale but with a contemporary twist–the princess is the heroine. As with any of the Discis Books, you can ask it to read your favorite passages, to explain or pronounce unfamiliar words, and even to identify objects in the accompanying pictures. The wide range of built-in educational options includes music and sound effects to enhance reader appreciation, and optional Spanish pronunciation. AmigaDOS 2.0, NTSC, and PAL compatible. $49.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario, Canada M2N 5W9, (416) 250-6537

The Tale of Benjamin Bunny
Benjamin Bunny and his cousin Peter Rabbit visit Mr. McGregor's garden to retrieve Peter's clothes–left there on a previous visit. Their expedition is going well–until they are trapped by a nasty cat. As with any of the Discis Books, you can ask it to read your favorite passages, to explain or pronounce unfamiliar words, and even to identify objects in the accompanying pictures. The wide range of built-in educational options includes music and sound effects to enhance reader appreciation, and optional Spanish pronunciation. AmigaDOS 2.0, NTSC, and PAL compatible. $49.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario, Canada M2N 5W9, (416) 250-6537

The Tale of Peter Rabbit
This is the classic tale of naughty Peter Rabbit, written and illustrated by Beatrix Potter. Follow Peter as mean Mr. McGregor chases him around the garden, into a gooseberry net, and even through a window. As with any of the Discis Books, you can ask it to read your favorite passages, to explain or pronounce unfamiliar words, and even to identify objects in the accompanying pictures. The wide range of built-in educational options includes music and sound effects to enhance reader appreciation, and optional Spanish pronunciation. AmigaDOS 2.0, NTSC, and PAL compatible. $54.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario, Canada M2N 5W9, (416) 250-6537

The Terminator
Set in present day Los Angeles, The Terminator is the story of an unstoppable cyborg sent back through time from a nightmare future where machines rule the earth to destroy the mother of the one man who might yet save mankind. $59.95
Bethesda Softworks, 1370 Picard Drive, Suite 120, Rockville, MD 20850, (301) 926-8300

Thomas' Snowsuit
Children and adults—especially those who have tried to get feisty kids into clothes they don't want to wear—will appreciate the story of Thomas' Snowsuit. Watch how everyone tries to get Thomas into his detested new snowsuit, and see how they all end up wearing it instead! As with any of the Discis Books, you can ask it to read your favorite passages, to explain or pronounce unfamiliar words, and even to identify objects in the accompanying pictures. The wide range of built-in educational options includes music and sound effects to enhance reader appreciation, and optional Spanish pronunciation. AmigaDOS 2.0, NTSC, and PAL compatible. $49.95
Discis Knowledge Research, 45 Sheppard Ave. East, Ste. 410, Toronto, Ontario, Canada M2N 5W9, (416) 250-6537

Time Table of Business, Politics and Media
Time Table of Business, Politics and Media is an exploration title devoted to the energies invested in the acquisition of wealth, power, and knowledge over man's history. It boasts 6,000 stories, thousands of quotes, images, reproduced documents, and a rich environment of multi-media effects. It contains animated maps showing where every event occured, scanned images of the key documents in history, and an array of additional effects including audio. Material on the crisis in the Persian Gulf makes this an especially valuable disc to add to your collection. $59.95
Xiphias, Helms Hall, 8758 Venice Blvd., Los Angeles, CA 90034, (310) 841-2790

Time Table of Science and Innovation
An exploration of the history of science and technology, boasting 6,250 stories, thousands of graphics, and a rich environment of multimedia effects. Includes an animated map showing where every event occurs, a visual liftoff from the surface of the earth showing the altitude of aviation and space events, and a host of other similarly exciting effects. Audio presentation is included for key events. All entries are cross-referenced by topic. You can follow your own paths of interest through this immense body of knowledge, using the timeline and 'hot word' interaction. $59.95
Xiphias, Helms Hall, 8758 Venice Blvd., Los Angeles, CA 90034, (310) 841-2790

Time Table of the Arts and Entertainment
This latest addition to the Time Table Series contains over 4,000 original stories that start with the first cave paintings and finish with today's computerized choreography and animation. Multimedia effects include museum references, pictures, portraits, quotes, and even music from some of the world's greatest composers. Keyword and hot word searches allow you to quickly jump from subject to subject. $59.95
Xiphias, Helms Hall, 8758 Venice Blvd., Los Angeles, CA 90034, (310) 841-2790

The Connoisseur Fine Art Collection
A collection of 500 works of fine art by over 100 artists, with informative text on each painting, sculpture, period, and artist. Select works from nine periods: Classical Greece and Rome, Early Renaissance, The Quattrocento, Northern Renaissance, High Renaissance, Baroque, 18th Century, The Romantics, and The Impressionists; or from a list of artists. Ten classical music pieces can be selected to enhance the viewing experience. The whole presentation or a particular piece may be viewed automatically—just sit back and enjoy. Inquire about shipping. Amiga CD32 compatible. $49.95
Lascelles Productions, 401 Lascelles St, PO Box 959, Hastings, New Zealand, (011) 64-6-878-9652

Town with No Name
Once upon a time, in the west, on the edge of an arid desert stood the Town with No Name. The Hole in the Head gang had been running pretty wild, shooting up the place and terrorizing the neighborhood. When the ring-leader's kid brother took on the silent stranger who rode in at sunrise, he bit off more than he could chew. The first of the notorious outlaws bit the dust. Now Evil Ebe and his gang, Massive Jake, Wildcard Mcvee, and Bad Bad Bart, had it in for the Town with No Name and all the peace-loving folk living there. Only the Lone Stranger stood between them. Works with any 1MB Amiga and A570. $50.00
On-Line Entertainment , 642A Lea Bridge Road, Leyton, London, E10 6AP England, (011) 4481-558-6114

Trivial Pursuit
Trivial Pursuit comes to life with full color digitized pictures, superb animated graphics, stereo music and special sound effects accompanying 2000 of the most trivial and irrelevant questions. The questions are spoken by well known celebrities; amazing photographs accompany each question–but don't be fooled, they may not provide the answer; intriguing sound and music questions–classic, pop, and jazz. Pure fun and enjoyment for all ages and players.
Domark, Dist. by Accolade, 5300 Stevens Creek Blvd, San Jose, CA 95129, U.K. address in Vendor list, (415) 513-8929

Ultimate Basketball
Brings the fast-paced excitement of the court into your living room in this 5-on-5 multimedia basketball simulation. You can join in the action on the floor, coach from the sidelines, do a little of both, and even set the game to play itself. With a halftime show and cheerleaders as part of the action, this is one game you won't want to miss. $49.95
Context Systems, Inc., The Technology Center, 333 Byberry Road, Hatboro, PA 19040, (215) 675-5000

❷ Videostream
A partial screen motion video production system which will produce frame accurate lip synced digital video from any video deck supporting the Sony S9 Protocol (e.g., BVU 9850s). Files are created automatically after you have set in and out points. Comprises software and controller. VAXL files may be utilized within Interplay CDTV or Interplay Amiga productions. NTSC/PAL compatible. 1MB RAM and hard disk required. £1900.
Optonica Ltd., 1 The Terrace, High Street, Lutterworth, Leicestershire, England LE17 6BA, (011) 4445-555-8282

Wayne Gretzky Hockey-2
Wayne Gretzky Hockey-2 simulates every aspect of the game from penalties and power plays to sudden death overtime and instant replays. Create your own players. Make up your own teams, load and save them, or use any of the special teams provided. Set each player's level of performance at any of 11 skill categories. Customized options allow you to control the dual game speed, multiple difficulty levels, practice time, adjustable period lengths and more. With Wayne Gretzky Hockey-2, you control any player, coach from the bench, or let Wayne coach while you watch the action from the stands. Overhead, real-time graphics let you experience the finesse of a feather pass, the thrill of a last second save, or the impact of the bone-crunching body check. $59.95
Bethesda Softworks, 1370 Picard Drive, Suite 120, Rockville, MD 20850, (301) 926-8300

Women In Motion
On-Line is proud to present Women In Motion, an encyclopedia of movement. These historic photographs are one of the great monuments of 19th Century photography and have never been superseded. This product gives a unique insight into the moving form. You can examine each frame of animation, print it out, or load it into an art package and work with it. Contains nudity–parental guidance suggested. Ideal for artists and film buffs. Will work on any 1MB Amiga and A570. $50.00
On-Line Entertainment , 642A Lea Bridge Road, Leyton, London, E10 6AP England, (011) 4481-558-6114

Wrath of the Demon
Wrath of the Demon combines state of the art multi-level parallax scrolling with spectacular graphics, animation and playability to bring you what is sure to be one of this years hottest graphic adventures. You are on a quest to rid the kingdom of an evil Demon and his minions, rescue the princess and restore honor to your King. Your quest will lead you through caves, swamps, temples, and castles before reaching your ultimate challenge...the Demon himself. Wrath of the Demon contains over 3MB of graphics data, 600 screens of action, 1400 frames of animation, more than 100 colors on screen and over 100 monsters, some larger than half the screen. $49.95
ReadySoft, Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

❖ *CDTV ACCESSORIES* ❖

❷ AirMouse Remote Control
Two-button point-and-pick remote mouse for controlling interactive video presentations. No wires. Battery operated. User can be up to ten meters from the large monitor, or projection screen. Replaces the computer mouse or CDTV remote control. Requires AmigaDOS 1.3 or later. Available for NTSC. $595.00
Selectech, Ltd., P.O. Box 100, Williston, VT 05495, (802) 655-9600

AnaMouse
Circuits and Software's Anamouse analog joystick adapter allows you to use most IBM-style analog joysticks with A500, A2000, and A3000 as an alternative to the Amiga mouse. Anamouse and support software is available now. $19.95
Circuits and Software, 1052 Estates Court, Stockbridge, GA 30281, (404) 389-3875

Brick-ette
The Brick-ette is a hardware device which allows CDTV owners to hook up any wired mouse/trackball and joystick which would normally be used with the A500/1000/2000/3000. Features real-time mouse and joystick operation, dual fire button compatible, three-speed selectable rapid fire, two selectable mouse modes, and 4-foot molded cable. Sub-miniature design with complete 8-bit microprocessor built in. Simple installation—plugs into Remote port. One-year warranty. Call for free brochure. $49.95
Expansion Systems, 44862 Osgood Road, Fremont, CA 94539, (510) 656-2890

CD-RAM
Allows CDTV owners to add up to 8 MB of Fast RAM internally. Auto-configs. Plugs into connector inside the case. Is compatible with the SCSI-TV, SCSI interface. Requires CDTV.
Amitrix Development, 4805 - 47 Avenue, Beaumont, Alberta T4X 1G6, Canada, (403) 929-8459

CDKC-1000 Keyboard Connector
Use a standard Amiga keyboard on your CDTV or use an XT-enhanced keyboard with the KA-1 Keyboard Adapter. Quality components, lifetime warranty. Can be used with CDTV, A2000/A3000 series keyboard, or XT-enhanced keyboard with KA-1 adapter. Call for free brochure. $19.95
Top Secret Device, P.O. Box 4592, Lexington, KY 40544, (606) 276-3779

Keyboard Adapter Cable
Circuits and Software's CDTV Keyboard Adapter Cable allows you to connect any A2000 or A3000 series keyboard to Commodore's CDTV interactive multimedia machine. The six-foot cable is available now. $19.95
Circuits and Software, 1052 Estates Court, Stockbridge, GA 30281, (404) 389-3875

◆ VidDISC
With VidDISC, Creotec can provide high quality interactive CD-ROM multimedia applications. Creotec will handle all aspects of the production of your interactive multimedia application, or provide you with an on-site license for the VidDISC authoring system so that you can do the production in-house. Creotec's services include content analysis and instructional design, script writing and talent, video/audio production, compact disc replication, periodic application updates and application specific programming. Areas of application include virtual reality training, information, kiosks, services procedure referencing, POS, POI and education. Requires A4000, 3.0, 5Mb RAM, hard drive.
CREOTEC Corporation, 5912 Preston Valley Dr., Dallas, TX 75240, (214) 717-1272

❖ *CD 32* ❖

◆ Amiga CD32 Game Console
The Amiga CD32 is a full 32-bit CD game console with a top-loading CD-ROM drive. Based on the AGA chip set, the Amiga CD32 can display and animate graphics in up to 256,000 colors. NTSC (US)/PAL (Europe). $399.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

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Accessories & Services

❖ *ACCESSORIES & SERVICES* ❖ *GENERAL*

12-inch Interactive Laser CheckDiscs
Accessories and Services/Laserdisc Production. Amigo provides production of laser checkdisc to CAV standard from one inch or D2 tape source with 48-hour turn around. $350.00
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
Please see display ad p.122.

◆ 35mm Slide Imaging
35mm slide imaging from your Amiga graphics files. Supporting all Amiga file formats including IFF-ILBM, JPEG, FrameStore, and Lightwave (printres) files. Prices for 35mm imaging start at $3.50 (72 hour turnaround/4k-resolution). 48 hour and overnight service available. Also available—color prints, high-quality iron-ons, cibachromes and more. Extended hours: Mon-Sat, 7am-9pm. Call for more information.
PeeCee's Digital Imagery, 945 Walnut St., Fall River, MA 02720, (508) 676-0844
Please see display ad p.149.

◆ A & P Keyboard Templates
Keyboard templates for popular Amiga Software programs. templates are made using durable Lexan plastic and are die-cut to fit around the function keys. A silk screen printing process ensures crisp readability. The templates make using your Amiga software faster and easier—helping you to save time and frustration by eliminating the need to constantly look up program commands. Currently available for Deluxe Paint IV ver. 4.1, call for other programs. $9.95
A & P Software Solutions, 3010 W. Winton Ave., Hayward, CA 94545, (510) 785-5343

AmiTote 2000
Designed for the A2000 series CPU/toaster CPUs. Will accommodate mouse, keyboard, and power cable. Pocket on outside front for magazines/papers. Shoulder strap also supplied. Not indended to be a hard case substitute. $99.95
Left Hemisphere, Suite 720, Shadle Center, Spokane, WA 99205, (509) 325-0115

AmiTote 3000/4000
Designed for A3000/A4000 desktop CPUs. Will accommodate mouse, keyboard, and power cable. Convenient outside pocket for magazines/papers. Shoulder strap included. Designed with A4000 users in mind. Not intended to be a hard case substitute. $109.95
Left Hemisphere, Suite 720, Shadle Center, Spokane, WA 99205, (509) 325-0115

AmiTote 500
The AmiTote 500 is targeted at the Amiga user on the go. The case will accommodate the CPU, power supply, mouse, and two slim profile 3.5-inch floppy drives. On the outside there's a pocket for magazines, papers, etc. $89.95
Left Hemisphere, Suite 720, Shadle Center, Spokane, WA 99205, (509) 325-0115

AmiTote Baby
Designed to accommodate CDTV units as well as associated remote keypad and power cable. Pocket on front to hold several CDs. Not intended as a hard case substitute. $89.95
Left Hemisphere, Suite 720, Shadle Center, Spokane, WA 99205, (509) 325-0115

AmiTote Monitor
Designed to comfortably accommodate the 1084/1950 monitors plus display cords and power cable. Shoulder strap optional. Not intended to be a hard case substitute. $89.95
Left Hemisphere, Suite 720, Shadle Center, Spokane, WA 99205, (509) 325-0115

Amiga Embroidered Crest
This beautiful 6-color 3.75-inch x 4.75-inch embroidered crest on black with black ribbing includes the original Amiga checkmark, Amiga text, and boing ball with twist! Just the thing for your coat, duffle bag, or computer carrying case. Durable fabric, good workmanship. Discounts for orders of 50 or more for users groups; user group initials can be added on request. Artist-designed on the Amiga. $6.95 plus $1 shipping and handling. $6.95
CLASSIC CONCEPTS Futureware, P.O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

◆ Amitote 1200
Designed for A1200 CPU. Great for transportation of A1200 multimedia players. $85.00
Left Hemisphere, Suite 720, Shadle Center, Spokane, WA 99205, (509) 325-0115

BOING! Jacket
Highest quality black satin flight jacket. Embroidered with BOING! ball logo on the back. Optional name ($10 extra) embroidered on the front. $125.00
BOING, 1881 Ellwell Drive, Milpitas, CA 95035, (408) 262-1469

CanDo T-Shirt
Softwear for your software. High-quality yellow cotton t-shirts with colorful CanDo logo emblazened on front and back. Available in Small, Medium, Large, X-Large, XX-Large. $16.95
INOVAtronics, Inc., 8499 Greenville Ave., Ste. 209B, Dallas, TX 75231, (214) 340-4991

◆ Custom GUI's and Programming
DarkSoft Computers custom GUI creation and programming service. Standard intuition GUI's (Graphical User Interfaces) for both commercial and public domain/shareware CLI-only programs developed, ending frustration of trying to keep track of all command line options. Several GUI's currently available. Programming of small to medium custom applications, as well as desktop publishing services also available. Call or write for price quotes. Prices start at $10.00 US.
DarkSoft Computers, 610 S. Iowa Ave., East Wenatchee, WA 98802, (509) 886-0581

◆ DELPHI
DELPHI, a leading international online service, now offers full access to the Internet. DELPHI has easy-to-use menus, expert online assistants, and a large collection of helpfiles, programs for the Amiga, and other developer resources. You can choose from two membership plans and there are over 600 local access numbers available across the country. E-mail, telnet, gopher services combined with Amiga users and experts make DELPHI an incredible resource. Call and learn more: 1-800-695-4005 or send e-mail to INFO@delphi.com.
Delphi Internet Services Corporation, 1030 Massachusetts Ave., Cambridge, MA 02138, (800) 695-4005

◆ Directory Opus T-Shirt
Software for your software. High quality white cotton t-shirts with colorful Directory Opus logo emblazened on front and back. Available in Small, Medium, Large, Extra Large and Extra Extra Large. $16.95
INOVAtronics, Inc., 8499 Greenville Ave., Ste. 209B, Dallas, TX 75231, (214) 340-4991

◆ Double Take Quick Reference Guides
Double Take Quick Reference Series of reference guides for the Amiga is a upgradeable system for Quick Reference cards. User starts with the basic binder and one set of pages or cards for use with products like the VT4000 and as their needs arise they can easily buy and add more reference kits to the original binder system. Inital Hot Key Guides planned are: VT4000, ADPro, Brilliance, DeluxePaint IV, AmiLink, and AmigaDOS.
Left Hemisphere, Suite 720, Shadle Center, Spokane, WA 99205, (509) 325-0115

◆ Gateway Productions
Full service Amiga-based film and video production. A U.S. government qualified producer. Contact: Landon Michaelson.
Gateway Productions, Inc., 100 Woodring, Cashmere, WA 98815, (509) 782-3181

Interactive Laser CAV Masterdiscs
Accessories and Services/Laserdisc Production. Amigo provides production of laser masterdisc to CAV standard from one inch or D2 tape source within 72-hour turnaround. $2400 12-inch single-sided CAV Master. $11 each 12-inch replicated single-sided disc.
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
Please see display ad p.122.

Static Release Cloth
The S/R Cloth completely neutralizes surface static on virtually any surface. Gentle, durable, non-toxic, no silicones, completely safe for essentially all working environments. Has been tested on hundreds of video monitors, computers and peripherals, and in animation and film studios. $6.95
S/R Laboratories, 31200 Via Colinas, Ste 210, Westlake Village, CA 91361, (818) 991-9955

Tunnel Vision BBS
International Amiga only BBS. Over 11,000 files. Fidonet, Usenet, Amiganet, Spartsnet, Trbknet. Lots of online games, 2.6 Gigs of storage. E-Mail access to international locations. (604)-535-9026(14.4), (604) 535-9846(v.32), (604) 535-9785(v.32), (604) 535-9784(2400). $40.00
Tunnel Vision, 1831 Lilac Drive, White Rock, BC V4A 6C7, Canada, (604) 535-9026

❖ *ACCESSORIES* ❖ *WORKSTATIONS*

Back-Up
Simple sling prevents painful consequences of sitting slouched. Targets vulnerable lumbar area and provides adjustable support using the knees as an anchor point. For back pain sufferers who must sit for any length of time without proper support. Endorsed by World Chiropractic Alliance. U.S. distributor: Nada Concepts. $65 Australian.
Ergo-Works, P.O. Box 361, Wahroonga NSW, Australia, 011-61-2489-2151

Carpal Eez
Wrist rest designed to help prevent Carpal Tunnel Syndrome. Carpal Eez is adjustable to three different heights and fits securely up against (and under) the keyboard. Designed to elevate keyboard to the most comfortable angle. A soft, padded surface provides maximum confort and the sturdy construction keeps Carpal Eez in place. $27.95
Viziflex Seels, Inc., 16 E. Lafayette St., Hackensack, NJ 07601-6895, (201) 487-8080

Computer Reference Wall
Composed of hinged, plexiglass panels that attach to side and top of monitor. Can be utilized for organizing notes, commands, schedules, and messages that are frequently needed for constant reference. Panels can also serve as 2-page copy holder (clip provided) that swings out of view when not in use. Jr. Computer Reference Wall available for applications where space is limited. $29.95
Viziflex Seels, Inc., 16 E. Lafayette St., Hackensack, NJ 07601-6895, (201) 487-8080

Extension Keyboard Wrist Rest
AliMed's Extension Keyboard Wrist Rest can be used with those keyboards that come to the very edge of the desk or keyboard stand. An extension plate slips under the keyboard and is held in place by the supplied Velcro attachments. Tingling fingers, tired wrists, and associated pain can be eliminated with Keyboard Wrist Rests. Wrist Rests can help avoid wrist stress by holding the wrist in a more natural, strain-free position. Available in three sizes: 1-inch, 1 1/2-inch, and 2-inch. Also ask about Keyboard Wrist Rest™ (the original product), Mouse Wrist Rest™, Keypad Wrist Rest™, Notebook Computer Wrist Rest™, and Typewriter Wrist Rest™. $29.95
AliMed, 297 High Street, Dedham, MA 02026, (800) 225-2610

Great Cover-Ups
Clear, frosty, high-quality, sewn custom dust covers for computers, printers, and most peripherals.
Great Cover-ups, P. O. Box 751, Oregon City, OR 97045, (503) 655-0602

Keyboard Kaddy
The Keyboard Kaddy can hold your keyboard securely on top of your monitor when you are not using the keyboard. Its strong and attractive smoky-colored plexiglass construction allows it to hold any size keyboard on top of any size monitor. $14.95
Additional Ideas, Inc., 1083 McMillan St. NW, Atlanta, GA 30318, (404) 872-6151

Komfort Wrist Rest
The Komfort Wrist Rest is a two-piece assembly consisting of a base and adjustable foam support. The base is designed in molded high impact thermoplastic with four sets of tracks. The support cushion is bonded to a metal plate. The plate is then inserted into the tracks at the desired height. Quantity discounts available. $29.95
JMJ Enterprises, 22855 Lake Forest Drive, Ste. E202, Lake Forest, CA 92630, (714) 472-4409

Mouse Wash 2500
A specially designed acrylic ball that has a texture design to grab the dirt and grime build-up on the rollers without scratching them. Needs no chemicals that may damage your mouse. $7.95
T & L Products, 2645 Wilson Street, Carlsbad, CA 92008, (619) 729-4020

Mouse-Ease
Engineered especially for mouse driven computers, the Mouse-Ease is an ergonomically designed wrist support for those who perform with the mouse on a daily basis. It gives adequate support to the wrist while allowing you to maneuver the mouse with ease. Covered in a soft, washable fabric, the Mouse Ease is constructed with three foam inserts allowing for a high or low adjustment. For user convenience, its padded support attaches with velcro to a non-skid baseplate that simply slides under the mouse pad. $24.95
GERED Corporation, P.O. Box 1393, Hillsboro, OR 97123, (800) 852-8727

Mousetrap® Slim Line
A document stand for mouse-driven computers. It is designd to keep your mouse within quick, easy reach so you can keep your attention on the computer screen. The document stand resides over the mouse area to help minimize your work space. A unique copy gripper keeps your copy in place while the 4.5-inch base raises your copy to a more comfortable height. The document stand will also adjust up and down, and side to side. Designed to fit smaller mouse pads. $23.95
GERED Corporation, P.O. Box 1393, Hillsboro, OR 97123, (800) 852-8727

Non-Glare Full Spectrum Lights
Distributor of complete line of long-life, full spectrum (sunlight-simulating) incandescent, fluorescent, and halogen lights. Full spectrum lights relieve eye strain, fatigue, and SAD (seasonal depression), show true color and increase productivity. Bulbs fit into standard lamps and fixtures, and are available in all popular sizes and styles. Free catalog.
Westgate Enterprises, 2210 Wilshire Blvd., Ste. 612, Santa Monica, CA 90403-5800, (310) 477-5891

Rat-Pad!
A mouse pad that is 10-inch x 12-inch. Gives your mouse room to roam. $11.95
T & L Products, 2645 Wilson Street, Carlsbad, CA 92008, (619) 729-4020

The Ergotron Design Station
Free-standing design station rescues valuable desk space. Place the CPU on the adjustable shelf, which can be adjusted six inches vertically. Suspend the monitor above the desk using the workstation's hydraulic Radial Arm, which provides 20° horizontal, 20° tilt, and 360° rotation. Models in 25-inch and 30-inch widths, and 64-inch, 70-inch and 78-inch heights.
Ergotron, 3450 Yankee Drive, Suite 100, Eagan, MN 55121, (800) 888-8458

The Ergotron Workstation Suspended Radial Arm Computer
Workstation designed to save valuable work space by suspending the monitor and processor above the work surface. Provides shelf for the processor and a radial arm that suspends the monitor above the desktop. The pivoting arm lets the user adjust the monitor to any position and provides a six vertical adjustments, 20° tilt, and 360° rotation with the touch of a hand. Models in 25-inch and 30-inch widths, and 64-inch, 70-inch, 78-inch heights.
Ergotron, 3450 Yankee Drive, Suite 100, Eagan, MN 55121, (800) 888-8458

Type-Ease
Type-Ease is a wrist support specifically designed for those who perform long, tedious tasks at computer workstations and keyboards. This product can significantly reduce the symptoms associated with Carpal Tunnel Syndrome such as stress, strain, and fatigue. Covered in a soft, washable fabric, the wrist support is constructed with three foam inserts allowing for a high or low adjustment. For user convenience, Type-Ease attaches with velcro to a non-skid baseplate that simply slides under the keyboard. $29.95
GERED Corporation, P.O. Box 1393, Hillsboro, OR 97123, (800) 852-8727

Universal Joystick/Mouse Switch
Newest version is compact pushbutton switch. Allows two devices to share same port. Either device can be selected at the push of a button. Switches all nine lines, so it is safe to connect and disconnect devices with power on! $29.95
Micro R & D, Inc., 721 O Street, PO Box 130, Loup City, NE 68853, (308) 745-1243

Viziflex Seels
Transparent, form-fitting covers that protect keyboards from liquid spills, dust, and other environmental contaminants. Designed to remain in place during keyboard operation. Continuous, 24-hour protection. $25.95
Viziflex Seels, Inc., 16 E. Lafayette St., Hackensack, NJ 07601-6895, (201) 487-8080

❖ *SERVICES* ❖

◆ 2D-3D Font Conversion Service
Custom conversion of Postscript Type 1 or Type 3, Compugraphic Intellifonts, and DR2D files to professional-quality objects for use with Lightwave 3D or Caligari. You must be licensed to use the font or drawing to be converted. 24-hour turn around. $50.00
Unili Graphics, 143 Lorraine Avenue, Pittsburg, CA 94565, (510) 439-1580

Amiga Professional Services
GP Software provides custom software development, Amiga system installation and support, and multimedia, CDTV, and interactive videodisc project development by consultation. Custom courses on Amiga system maintenance, graphics, and desktop publishing also available by negotiation.
GP Software, 21 Aloomba Rd,, ASHGROVE Queensland, 4060, Australia, (011) 61-7366-1402

Amiga Training and Support
We offer a wide variety of services for the Amiga and Video Toaster systems. Everything from video graphics and animation production to training, consultation, and support services. Customized service, on-site training, and competitive pricing. Call for more details.
Action Graphics, 4725 Dorsey Hall Dr., Ellicott City, MD 21043, (410) 992-0749

Amiga/Motorola Software Development Service
Frankenstein Software is a fixed-cost software development service for Motorola CPU's and microcontrollers of the 680X0 and PowerPC 601 families, as well as authoring services for AmigaCD32 and Atari Lynx. We specialize in competitively-priced software with documentation for high performance and time-critical applications. Whether you just need a complex algorithm or a full-blown application, contact us for a free brochure.
Frankenstein Software, P.O. Box 138, New York, NY 10116-0138, Compuserve71175, 1676

Basement Recordings
Basement Recordings conducts workshops and seminars in digital media technology, desktop video, multimedia, music, and desktop publishing. All educational activities focus on Amiga computer systems. Workshops will continue throughout this year and 1993. Call for dates and locations.
Basement Recordings, 348 E 51st St, Brooklyn, NY 11203, (718) 485-7120

CD-ROM's
Manufacture all types of CD-ROMs. Formats available: CDTV, DVI, CD-ROM, CD-ROM/XA, Mixed Mode.
Disc Manufacturing, Inc., 1409 Foulk Rd., Ste 102, Wilmington, DE 19803, (800) 433-DISC

CREOTEC
CREOTEC is an interactive multimedia company that produces CD-ROM applications. Services include content analysis and instructional design, script writing, video/audio production, foreign language translation, and compact disc replication. CREOTEC uses VidDISC, an interactive multimedia applications environment, designed specifically for CDTV.
CREOTEC Corporation, 5912 Preston Valley Dr., Dallas, TX 75240, (214) 717-1272

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CanDo Quickie or Complex
CanDo Quickie or Complex design and programming services. For kiosk owners, developers, programmers, artists. Quick turnaround on small or large projects. Custom designing of audio-visual/multimedia databases for product presentation in 2- to 24-bit color. Wide variety of external device controls such as IR or serial port, CD, laserdisk, VHS players, slide projectors, lights, AV switches, etc. Source codes available in CanDo or AmigaVision for potential future expansion. NTSC. English/French/Spanish.
Delta Graphics, 48 Dighton Street, Ste. 2, Brighton, MA 02135, (617) 254-1506

Component Retrieval Service
Our patented component retrieval process and complete component refurbishment facility make it possible for you to reliably recover components from PC Boards even if the parts are soldered. The cost of this service can be as low as 17 cents per component with a minimum order of $50.
Krueger Company, The , 1544 West Mineral Road, Tempe, AZ 85283, (602) 820-5330

◆ Contract Programming and Graphics Services
Available for custom programming, graphics, desktop publishing, and multi-media services. Languages include C++, C, ARexx, AmigaVision, Pascal, BASIC, Fortran. Graphic Services include: high quality 2-D structured clipart in Art Expression, DR2D, Adobe Illustrator, Aldus Freehand, and EPS formats; Video titling and 2-D animation services; desktop publishing services excluding final printing.
Black Tie Software, 4474 Valley Quail Blvd North, Westerville, OH 43081, (614) 891-3721

Educational Consulting
As both an Amiga educational dealer and a teacher using Amigas, Mr. Horan offers educational training, consulting and products from kindergarten through Grade 12.
Mr. Horan's Computer Lab, 12975 US 60,, Middletown St. Mall, Louisville, KY 40243, (502) 244-9595

GEnie
GEnie is one of the world's largest consumer online services. You can access a huge library of Amiga files on GEnie, along with bulletin boards and files for almost any subject. Also features many multi-player games, chatting with other members, educational services, travel and information. The Amiga area is one of the fastest-growing on all of GEnie. Rates: $4.95 per month, 100 services, no charge, rest $6.00/hour.
GEnie (General Electric Information Services), 401 North Washington, Rockville, MD 20850, (800) 638-9636

Gateway Amiga Club
Provides maps of dealers in greater St. Louis, Missouri, area to stores handling Amiga products. Also sells 'I Love My Amiga' bumper stickers for $1.00 each plus SASE. Send check to GAC Bumper Sticker. Authorized clubs and dealers write for discount.
Gateway Amiga Club, Inc., P.O. Box 811, Bridgeton, MO 63044, (314) 739-5181

LA ONLINE Free-Access Service
LA ONLINE offers many of the same national shopping services that you would find on CompuServe or Prodigy. Amiga software and hardware available from COMPUTER Express. (Also other electronic products, CDs, clothing, books, gift items.)
LA Online, 1332 Hermosa Ave, Ste 7, Hermosa, CA 90254, (310) 372-9364

Multimedia—Interactive
KBI Systems, Multimedia Technologies Group, specializes in he design and development of affordable Interactive Multimedia Systems for training, presentations, information kiosks, displays (trade shows and exhibits), interactive board rooms, conference centers, and training centers for industry/education. Featuring Amiga and all its products (e.g., Scala, InfoChannel) and our laser disc and CD mastering abilities, combined with products from over 300 video, audio, and computer equipment manufacturers (we also design and manufacture specialty control intefaces), KBI Systems, Multimedia Technologies always develops the exact systems for your specific needs—on time.
KBI, Systems, 177 Mill Lane, Mountainside, NJ 07092, (800) 524-0610

National Amiga Network System
BBS and information center for all aspects of the Amiga. Twenty-four hour service with on-line technical help and access open to all.
Micro-Telecomm, P.O. Box 50269, San Diego, CA 92105

SMG Extended Warranty
The SMG provides service and support for Commodore Amiga systems, and the most popular third-party products. Under an exclusive agreement with Commodore, SMG programs supplement CommodoreExpress Gold Service. Offerings include Part Only, Priority Depot, and On Site Service. Warranty coverage can be extended for up to two years.
Service Management Group, The, 10 Columbia Corporate Center, 10400 Little Patuxent Pkwy, Ste 440, Columbia, MD 21044, (410) 992-9975

◆ SMG Help Disk
Help for your Commodore system when you need it. We maintain a full-staffed help desk to assist with problems on both Commodore and third-party products. SMG Help Desk is available on a per-call or one-year agreement basis. Help Desk is included with SMG ProCare Agreements.
Service Management Group, The, 10 Columbia Corporate Center, 10400 Little Patuxent Pkwy, Ste 440, Columbia, MD 21044, (410) 992-9975

◆ SMG Part Sales
Can't find the commodore part you need? The SMG distributes all Commodore parts in the U.S. Chances are we have it in stock. Our inventory includes parts for both current and vintage Commodore products. Overnight delivery and Advanced Exchange available. Part Only agreements are available to qualified Commodore owners.
Service Management Group, The, 10 Columbia Corporate Center, 10400 Little Patuxent Pkwy, Ste 440, Columbia, MD 21044, (410) 992-9975

STL File Conversion
This service converts Amiga- or Macintosh-generated surface modeling files to the .STL file format needed to make plastic parts by stereolithography or selective laser sintering (SLS). Any modeling software that can generate a scene or object file that can be input to the Amiga version of Sculpt 4D can be your tool. Your data file is converted to the format and media for the stereolithography or SLS vendor. Price to convert files on 3.5-inch diskette is $75. Parts can also be made. Also see Read4D under CAD/UTILITIES. Call for details. $75.00
DFW Prototypes, 1920 Briarcrest Lane, Arlington, TX 76012, (817) 275-2044

Toaster to Tape
Render and transfer Video Toaster LightWave 3D, ToasterPaint, and other Amiga IFF images to professional videotape formats. A 50MHz 68030 system renders/records your images frame by frame directly to broadcast-quality VTRs, avoiding degradation caused by laser disk. Choice of 3/4 inch (SP or reg), Betacam (SP or reg), 1 inch, or D2 formats. Send rendered IFF files or framestores on Syquest cartridges. Send LightWave scene, object, and image files by disk or modem for rendering. Rendering $5/hr, recording $1.25/frame. Large jobs discounted.
Biographix Corporation, The, 1000 Dundas St East, Ste 6, Toronto, Ontario M4M 1R7, Canada, (416) 465-2056

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Cable TV public access video system. Modular machine code programming allows us to offer custom advertising display systems at a reduced cost. Get display effects like wipes, fades, blits, and dissolves. Text effects like scrolling bars, vertical scrolls, using any font or color. Stand alone operation or HOT remote systems over null modem or phone lines. Control operations 'on the fly' or use simple script files to execute timed events. Call for more information and pricing.
VADPAC Systems, 1503 Lang Slocum Rd., Wheelersburg, OH 45694, (614) 776-7020

Video Editing
PVE brings video editing to the masses. By employing the power of cutting edge desktop video equipment we are able to provide affordable video editing without sacrificing quality. Another popular product is our video photo—your photos on TV with music, titles, and toaster transitions. Everyone loves it, a perfect gift. Call for free demo tape.
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KBI Systems, Industrial Video Group, designs, develops, and installs complete video systems for pre/post production (ENG, Mobile, Studio) as well as unattended automated video recording for coorporate conference rooms, board rooms, training centers, and education and special event videographers. Utilizing the Amiga and products from NewTek, Digital Creations, GVP, Digital Processing, Cardinal, Sony, Panasonic, Pioneeer, Getner, JBL, and others, KBI Systems, Industrial Group provides you with the exact video system to meet your needs with quality and service.
KBI, Systems, 177 Mill Lane, Mountainside, NJ 07092, (800) 524-0610

◆ Virtual Reality BBS
Poweful Amiga BBS. Featuring: links to other BBS's for large conference room chatting, constant new Amiga files online nightly, Fred Fish online (CDROM), latest text files on Amiga tech, online store, 24 gigs of storage space, and more. Full ANSI support, All lines 14,400bps.
A.C.E. Systems, 25357 Wamstad Rd., Parmy, ID 83660, (208) 722-6006

❖ *DESKTOP PRESENTATION* ❖

35mm Color Slides and Imaging Services
We provide quality slides and photographs of any Amiga IFF/HAM/EHB image file. We also have been the only service to support any Amiga 24-bit IFF/RGB file format (i.e. Toaster, Imagine, Turbo Silver, Sculpt, etc.). We can also transfer AutoCAD/GIF/TGA/Mac files and videotape to slides and photographs. Also try our cheap single frame animation service.
Action Graphics, 4725 Dorsey Hall Dr., Ellicott City, MD 21043, (410) 992-0749

35mm Slides
35mm slides of your Amiga artwork. Converts all IFF files distortion-free with raster lines filled. HAM files also converted. Jet printouts from Sharp JX730 from IFF files also available. Custom graphics and illustration. Send for price list.
Tru-Image, P. O. Box 660, Cooper Station, New York, NY 10276, (212) 777-7609

4x5 and 35mm Color Film Transfer Service
Ultra High Resolution 4x5 color transparencies and 35mm color slides of Amiga IFF, HAM, and 24-bit IFF Bitmap pictures, and photographic-quality color Postscript transparencies and slides created with structured drawing and/or color desktop publishing programs. Over 4000-line resolution for sharp, clean images with no scanlines, no curvature distortion, and brilliant color. FREE samples on request.
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ALL PRO Film/Video Productions
Computer graphics and animation services. Single frame animation, high resolution slides, and 1200 and 2400 DPI Postscript. ALL PRO also offers full video production and post-production facilities and services. Featuring digital effects, video editing and transfers, location crews, titling, sub titling, 2-D and 3-D animation, paint box, real time animation, and full graphic design support.
ALL PRO Film/Video Productions, 124 West 60th Street, New York, NY 10023, (212) 563-1567

Amiga Animation and Graphics Services
AniGraphics provides full service animation and computer graphics development for entertainment and education software developers. Services range from early conceptual development to finalizes screens, performed by a staff of artists with years of experience in the software industry. AniGraphics has developed propietary tools for high quality, inexpensive conversions between systems and resolutions. Our order placement system permits you to get precisely the images you want, quickly and on budget.
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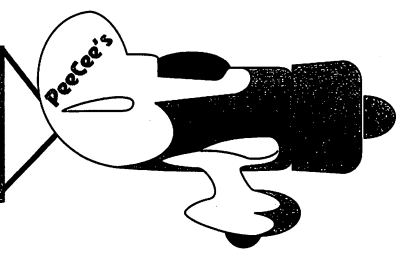

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❷ AmigaDOS release 2 Compatible *(Vendor Verified)*

Accessories & Services

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Right Answers , P. O. Box 3699, Torrance, CA 90510, (310) 325-1311

Easy Guide to Pro Video Gold
With the Easy Guide to Pro Video Gold video, you can master this program in less than one hour. This tutorial video covers it all-fonts, shadows, edges, transitions, quick backgrounds, color combinations, pallette modification, genlocking, antialiasing...all the things you need to know to put together knock-out graphics. Included with the tape is a special data disk packed with over 250 examples of Pro Video Gold graphic screens which, with minimal modification, can be use to create a demo video for your potential customers showing what kind of graphics you can create! Covers all versions of the Pro Video series, including the newest release, Pro Video Post. $30.00
Group M Productions, 321 Ouachita Ave., Hot Springs, AR 71901, (501) 321-1845

Everything You Need To Know About PRO VIDEO GOLD
This detailed tutorial video will help you get started on mastering Pro Video Plus and Pro Video Gold. The video is for the beginner to easily conquer the basics for variable page layouts. You will learn how to manipulate color palettes, select variable fonts, italics, and develop a complete screen of text. This video will also give you the professional tricks that can save you hours of time, and save on hours of reading the always confusing instruction manual. With this video you can easily master the skills necessary to triumph to amazingly clear and graphic texts. Available in any format–1/2-inch, 3/4-inch, NTSC, PAL, SECAM. Vol. I or II: $39.95, both Vols. I and II: $59.95 $59.95
Video Bookshelf, 2405 E. Mt. Hope, Lansing, MI 48910, (517) 485-6600

Gold Disk's All-In-One
Gold Disk's All-In-One, a complete package of six programs and a video tape tutorial designed to make setting up and using the Amiga 500 easy and productive. Word processing, painting, music creation, and three games make Gold Disk's All-In-One everything a new Amiga owner needs to get the most out of the Amiga. Will run on any Commodore Amiga 500, 1000, 2000, 2500, or 3000 with at least 512K of RAM. $79.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga, Ontario, Canada L4W 5A1, (416) 602-4000

History of the Amiga
An intriguing and entertaining look at the origins of the Amiga computer. Listen to the initial trials and tribulations of Jay Miner, R.J. Mical, Caryn Mical, Carl Sassenrath, Dale Luck, Dave Needle, and the rest of the original Los Gatos gang. 45 minutes. $19.95
DevWare Video, 12520 Kirkham Court, Ste. 1-AC, Poway, CA 92064, (619) 679-2826

How to Animate I
Relevant to novices and intermediate users alike. Pick up helpful hints and tips on using DeluxePaint IV from Joel Hagen and LightWave 3D from AmigaWorld's Louis Wallace. 45 minutes. $19.95
DevWare Video, 12520 Kirkham Court, Ste. 1-AC, Poway, CA 92064, (619) 679-2826

How to Set Up a Low Budget Video Studio
This one-hour video takes you from the ground level of video equipment acquisition to a fully functional video studio. It tells what you do need and most importantly, what you don't need. Covers cameras, editing equipment, computer graphics, software, mixers and lighting. $30.00
Group M Productions, 321 Ouachita Ave., Hot Springs, AR 71901, (501) 321-1845

Imagine–A Guided Tour
A 90-minute video tutorial. This guided tour of Imagine will teach you everything you need to know to unleash your imagination with Imagine. This thorough tutorial complements the program's manual and will help you master its possibilities. VHS format. $39.95
Centaur Software, Inc., 2645 Maricopa St., Torrence, CA 90503, (310) 542-2292

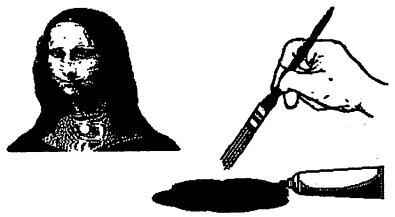
❷ **Introduction to Workbench 2.0**
This 2-hour educational videotape will familiarize Amiga owners with Workbench 2.0. Topics covered include Workbench 2.0 menu bar, preferences, Workbench 2.0 tools, demos, and other new 2.0 features, some not covered in the Commodore manual.Includes disk of public domain utility software and background music by accomplished acoustic musician Richard LaForge. NTSC compatible. Requires AmigaDOS 2.0. $25. California residents: $5 for tax, shipping, and handling. Other states: $3 shipping and handling. $25.00
RADICALifornia Video Productions, 10100 McVine Ave., Sunland, CA 91040-3359, (818) 951-3730

◆ **Killer Graphics, Vol.I, II, & III**
A new series of video tutorials has immerged under the banner 'Killer Graphics'. The producers have targeted the Amiga platform and those interested in producing graphics for video. The series features DCTV by Digital Creations. Volume I will teach you to create dramatic logos and freehand art. Volume II will teach you to animate 24-bit, 3D logos and record them to tape without single frame recorders. Volume III will teach you to create graphics for special events. All three tapes - $68.95 plus s & h. Each tape - $26.95 plus s & h. To order call Horizon West Productions.
Horizon West ProductionsO. Box 2729, Corrales, NM 87048, (505) 891-1689

Me and My Amiga: An Introduction
Designed for the first-time user, it is an easy step-by-step guide to setting up and using your system. From assembling your equipment, to using and exploring the many exciting features of the workbench to finally playing the games and using the time-saving utilities included in the two-disk set, running 60 minutes. First in the Amiga Professional Tutorial series. Requires 1MB RAM, second disk drive. $39.95
CP Productions, P.O. Box 103, St. Peters, PA 19470, (215) 265-3995

◆ **Principles of Composition**
Parts of the art teaching program called Principles of Composition for the Amiga computer was recorded onto videotape from the computer. You learn about the various principles of art like how to create unity, harmony, dominance, color design, integration, rhytem, value patterns and more, 2 hour tape, VHS only. $59.95 plus $4.00 postage & handling.
Art Instruction Software, 38 Balsam Dr, Medford, NY 11763, (516) 475-3414

◆ **Pro Video Gold**
This detailed tutorial video will help you get started on mastering Pro Video Plus and Pro Video Gold. The video is for the beginner to easily conquer the basics for variable page layouts. You will learn how to manipulate color palettes, select variable fonts, italics, and develop a complete screen to text. This video will also give you the professional tricks that can save you hours of time and frustration. $59.95
Video Bookshelf, 2405 E. Mt. Hope, Lansing, MI 48910, (517) 485-6600



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Taming the Wave: Exploring NewTek's LightWave 3D
The First LightWave 3D Training System. Two-hour videotape features animated examples of every major LightWave option. Two disks with useful 3-D paraphernalia, including an exclusive Broadcast Font 3D from Unili Graphics. Handbook provides tips, tricks, and charts. Written by national LightWave columnist David Hopkins with James Robinson. For Toaster 2.0. $119.95
Mach Universe, 3019 Pico Blvd., Santa Monica, CA 90405, (310) 315-1750

The Beginner's Guide to Art Dept. Pro
Video tutorial on getting started on Art Dept. Pro by ASDG. Peripherals and magazine article sources listed. (VHS) $39.95.
Dreamworks Video Productions, 5037 East Keresan, Phoenix, AZ 85044; (602) 893-3988.

Toaster Crustacean Videos
Toaster Crustaceans produces the 'Upper Crust Video Library' from the Los Angeles Video Toaster User Group. Each video is VHS in format, and is 2 hours long. Topics include tips, demos, equipment explanations, and the latest Toaster applications. Vol. 7, the latest, includes demonstration of Toastmaster/Wipemaster and many other applications. $34.95 each. $10 sampler tape (2 hours) highlights Vols. 1-6. Rebate for two or more volumes. $34.95
Toaster Crustaceans, 1730 Arcane St, Simi Valley, CA 93065, (805) 522-4864

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❖ *VIDEOTAPES/VIDEO* ❖

Amiga Artists on the Air Series
A series of video programs showcasing Amiga Artists and their work. Each program is approximately 30 minutes long and includes interviews with the artists or biographical materials about them, along with many examples of their work. Information is given about how the art was conceived and developed. Hardware and software reviews included. Amiga and video tools are often explained and demonstrated. Featured artists include Isaac and Raphael Abrams, Robert Anderson, Ilene Astrahan, Peter Babula, David Brothers,Tobe Carey, Regina-Bartley Cross, Michael Fisher,the Grants, Paul Gurcules, Larry Keegan, Perry Kivolowitz, Keith Loving, Aaron Marks, Matt McElligot, Vincent Morano Jr., Florence Ormezzano, Ellen Povil, Raymond St. Denis, Kevin Smith, Mark Smith, Larry Keenan, Perry Kivolowitz (ASDG), Lynn Williams, Marion Stein, the Moruseks, Hasnul Saidon, flashlight, Barbara Rosenthal, Sara Roberts, Vivian McAlaexander, Jim Tyack, Jeremy Birn, Timothy Hellen, Michael O'Dowd, Joe Giroux, Jimmie Vestal, Ed Buxter, plus product and software reviews. NTSC. Public access cable rights available. Each volume sold separately. Artist submissions welcomed. $15 plus $3.50 S&H.
Willow Mixed Media, Inc., P.O. Box 194, Lennox Ave., Glenford, NY 12433, (914) 657-2914

Desktop Video and the Amiga Computer
This video tape is designed to introduce viewers to the tools and technology of desktop video. The two-hour tape provides viewers with useful information on setting up and using a desktop video system to create their own professional video productions. It includes sections on selecting computer hardware, software, interfacing with a genlock, and setting up a low-cost studio. Video reviews and examples of video output from popular desktop video software programs including character generator, titling, paint, animation, digitizing, and 3-D software is included. $30.00
Group M Productions, 321 Ouachita Ave., Hot Springs, AR 71901, (501) 321-1845

Industrial Video Graphics
Reveals a metropolis state of mind with mute images that are mechanical and angular in design. Incorporates continuously changing computer graphics and animation to enhance your music. Running time is 60 minutes. $16 plus $4.50 shipping and handling. $16.00
Bluesand Video Productions, P.O. Box 93581, Cleveland, OH 44101-5581, (216) 881-6440

NewTek's VideoToaster: The Ultimate Guide: Volume One
A detailed step-by-step guide to setting up and using the VideoToaster. Shows how to install in the Amiga and load software. Provides clear, concise explanation of basic video theory. Explains different system configurations. Extensive tutorial on using the switcher, digital video effects, framestore, luminance key, chrome f/x, character generator, and hints and tips. Includes disk of Toaster fonts and CG keyboard overlay. 2000HD, 7MB RAM. Accelerater card recommended. $49.95
CP Productions, P.O. Box 103, St. Peters, PA 19470, (215) 265-3995

NewTek's VideoToaster: The Ultimate Guide: Volume Two
Learn to use and explore the creative capabilities of ToasterPaint and Lightwave 3D. Create special-effect screens, specialized text and backgrounds. Produce stunning high-end animations. Integrate other software, e.g., DeluxePaint, TV-Text Pro, etc. Complete explanation of setup and use of BCD Animation Controller. Includes ToasterPaint keyboard overlays and disk of 3-D files. Running time 110 minutes VHS. Companion piece to Volume One. NTSC. Requires 2000HD, 5MB RAM. Recommended 9MB RAM and accelerator. $49.95
CP Productions, P.O. Box 103, St. Peters, PA 19470, (215) 265-3995

Pop Video
A wild and colorful combination of abstract images that reflect pop music. Incorporate continuously changing computer graphics and animation to enhance your music. Running time is 60 minutes. $16 plus $4.50 shipping and handling. $16.00
Bluesand Video Productions, P.O. Box 93581, Cleveland, OH 44101-5581, (216) 881-6440

The Ultimate Amiga Guide to Video Production: Volume One
A detailed step-by-step guide on setting up your own video production studio using camcorder, VCR, and Amiga to do titling, create video backgrounds, animations and editing features. An extensive tutorial of DeluxePaint III, Elan Performer and TV Show includes a two-disk set of 19 video backgrounds, animations and more, running 95 minutes in length. From the Amiga Professional Tutorial series. Requires 1MB, 500 and external disk drive. $49.95
CP Productions, P.O. Box 103, St. Peters, PA 19470, (215) 265-3995

The Ultimate Guide to Video Production: Volume Two
A detailed step-by-step guide to producing professional level titling, character generation and effects on the Amiga. Featuring the s-VHS format. Shows how to install Digital Creations 2000S S-VHS. Genlock provides clear, concise explanation of video basics. Extensive tutorials on TX-Text Professional and TV-Show, Broadcast Titler and Pro-Video Post. Includes a two-disk set of 14 video backgrounds, animation and more, running 120 minutes, from the Amiga Professional Tutorial series. $49.95
CP Productions, P.O. Box 103, St. Peters, PA 19470, (215) 265-3995

Videographix Today
Receive the complete six-tape set of Videogrpahix Today, Year One. Each tape is 60 minutes in length, focusing on desktop video and using that very medium to bring the series' unique blend of tips and techniques, product information, excursions to user facilities, and more to its owners. Call for more info. $108.00
Videographix, 12231 Nicollette Ave S, Burnsville, MN 55337, (800) 322-4545

❖ *NEWSLETTERS* ❖

AmigaMail Vol. 1
Back issues of the technical newsletter on the Amiga from January/February 1987 to July/August 1990. Price: $75. Binder: $10, Index Tabs: $5. Not available through Commodore Authorized Resellers. Send check/money order to Commodore Business Machines, Dept. C, at listed address. U.S. S&H $3, Canada/Europe via air $15. Add local sales tax for PA, VA, CA, TN. Allow 4-6 weeks delivery. $75.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

◆ **Argonauts**
Argonauts is for the Amiga developer entrepreneur. The premise is to focus on product development, research, international business linkups and economic self interest. It is designed to provide an open forum to discuss issues important to anyone in the Amiga business. Typical features include product devlopment ideas, first person business accounts and behind the scenes looks at product creation. Regular features include a business page, reviews of interesting research papers that could lead to products and news from different national markets. Typical readers range from commercial developers, dealers and consultants to the arm chair developer. Send $2.50 for a sample issue. Make checks payable to Morning Star International. $24.95
Argonauts, Box 94, Pearl River, NY 10965

◆ **LightWave Pro, the Newsletter for Serious LightWave 3D Animators**
LightWave Pro, the Newsletter for Serious LightWave 3D Animators, is the information resource for LightWave 3D users. Written by top industry animators for advanced users, LightWave Pro offers professional tips and tricks, in-depth tutorials, and shares the Hollywood insiders' working knowledge and up-to-the minute product advancements. For subscription information, call (408) 366-8220.
Avid Publications, 21611 Stevens Creek Blvd., Cupertino, CA 95014, (408) 366-8220

PLAYFIELD!
This Journal of Creative Amiga Programming with AMOS provides well-documented, useful code and articles geared specifically toward AMOS. We cover all aspects of AMOS programming, including games, utilities, music, graphics, more. Subscription $24 yearly for six issues, $1 sample issue.
PLAYFIELD!, 12609 NW 13th Ct., Sunrise, FL 33323, (305) 491-9770

Radical Type
Radical Type is the only magazine dedicated to Amiga and Atari publishing. Each monthly issue has tutorials and hints for PageStream and Professional Page beginners and experts. Radical Type has reviews of fonts, clip art, books, and other DTP related products, plus the latest Amiga desktop publishing news. Whether you use PageStream, ProPage, or Saxon, you'll find help in Radical Type. Receive 12 monthly issues for $29.95. Canada: $35 U.S. funds; International: $40 U.S. funds. $29.95
I•Koen Design, P.O. Box 20135, St Louis, MO 63123

Software of the Month Club
Provides both a product and a service to Amiga users worldwide. Members of the Clip Art Club receive 45 original images on disk (and newsletter) every two weeks. Fonts Club members get several different brand-new typefaces. Each clip art volume covers a wide variety of subjects, from sports and recreation to travel and leisure, cartoons, financial and business images. As a member, you can speak directly with the artists to suggest clip art or font ideas for upcoming volumes. Membership costs $24.95 for one year. Regular shipments cost $14.95 for three disks, including first class shipping and handling. Foreign orders add $5. Credit cards only, please.
Software of the Month Club, 2180 Las Palmas Drive, Carlsbad, CA 92009, (619) 931-8111

◆ **Video Toaster User Magazine**
Video Toaster User, the personal video production magazine, is the indispensable resource for Toaster users, audio/visual specialists, and video production professionals. With an editorial focus on NewTek's Video Toaster, VTU covers all aspects of low-cost video production including: how-to video production articles, product reviews, 3D animaiton, inspirational profiles, industry news, and much more. Subscription rate is $36 for 12 issues. $3.95
Avid Publications, 21611 Stevens Creek Blvd., Cupertino, CA 95014, (408) 366-8220

Comeau C++ 3.0.1 With Templates Available. Affordable. Reliable. Supported.

Widely Available
Not only has Comeau C++ been ported to multiple operating systems and platforms, it is uncontestably the widest available commercial C++ anywhere. AmigaDOS, UNIX, MS-DOS, SunOS, RS/6000, SCO, SVR3, SVR4, XENIX and then some. You name it, we're there. And all with the same robust and up-to-date functionality.

Standard 3.0 ARM
Other C++'s claim conformance to AT&T USL's cfront, some still at the outdated cfront 2.0 or cfront 2.1 level. Comeau C++ was written as per the ARM and literally licensed from AT&T USL, so we don't need to claim anything. We literally are cfront. Further, we're 3.0.1, the latest release.

Latest Features
Templates, full nested types, multiple inheritance. They're all here. We are active and voting members of the ANSI C++ committee, so the latest working draft document changes will always be available as their specifications mature and become appropriate.

Excellent Reviews
Comeau C++ continues to get international acclaim in magazines such as *The C++ Journal*, *Dr. Dobb's Journal*, *Computer Language* and others. On the Amiga, recent coverage includes *AC's Tech* as well as *AmigaWorld* magazine. "netters" in comp.sys.amiga.reviews love it too.

Supports 3rd Party Libraries
We work with many of the 3rd party library vendors to ensure their libraries are consistent, reliable and language conforming. This means that most general purpose, niche specific, commercial and public domain libraries work unchanged with Comeau C++.

Amiga Support
Comeau C++ has been available on the Amiga for over two years. It is seriously supported and always kept up-to-date. Often it's even the first to get a feature. Comeau C++ is a translating compiler that generates C as its object code. On the Amiga, back end C compiler support includes SAS/C and Manx C. Dice C support is currently in beta. GCC support is currently in the works. Contact us for the latest news.

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You don't need to wait weeks for your order. Comeau C++ is shipped internationally via UPS next day air. Add in a day or two for customs and it is there! Throw in a plethora of electronic mechanisms to contact us, and you might as well be next door.

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Imagine access to sets of class libraries that have had actual extensive use at the production level by the originators of C++ (AT&T, USL, etc.) since 1987. These reliable classes are what the Comeau Components are about. All designed and proven in the real world to have maximum run-time efficiency, reuse, productivity and functionality, allowing you to concentrate on your application's specifics. AmigaDOS specific additions will be available soon. Contact us for the latest news.

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Comeau C++.... Anything less is A-

Freely Redistributable Software

'881 Math Part I: Programming the 68881 math coprocessor chip in C Author: Read Predmore AC2

'881 Math Part II: Part II of programming the 68881 math coprocessor chip using a fractal sample. By: Read Predmore AC3

'Liner A shareware outliner whose function is to create outlines for notes or export to other programs. 'Liner can save an outline as ASCII text and is clipboard compatible. This version utilizes a number of AmigaOS 2.0 features and thus requires 2.0. Support for the new ECS Denise display modes is also included. Version 2.11, an upgrade to version 2.00 on disk 394. Includes source in C. Author: Dave Schreiber FF451, FF394, FF285

.Blanker2 A screen blanking program that turns the screen black after 90 seconds of keyboard and mouse inactivity. Implemented as a very tiny event handler to the input handler event stream. Version 1.27.88, includes source. Author: Joe Hitchens FF146

.Diff A program that uses the same algorithm as the UNIX diff program and also produces context diffs, suitable for use with patch. This is the same version that was distributed on FF 138, but now includes the missing files (including source code). Author: Unknown (Decus C diff) FF142

.Keymap_Test A program to test the keymapping routines and find possible bugs. Useful as an example of keymapping. Author: Pushpa Kumar FF19

.Rim RIM-5 (Relational Information Manager) is a full relational DBMS that is suitable for VERY large databases using B-Tree data storage. It has a crude (by today's standards) user interface, but since full source code is provided, this can be fixed. Versions of RIM run on a wide variety of systems, small and large, and produce compatible databases. Also includes a built in HELP database and a programming language. Full Fortran source code and documentation included. Author: Various, Amiga port by Glenn Everhart FF143

1D_Cells: A program that simulates a one-dimensional cellular automata. Author:Russell Wallace AC5

2View 2View is an ILBM picture viewer for use under Workbench 2.04 or later. It supports all standard ECS graphics modes, SHAM, Macropaint-style dynamic hires, color cycling, ARexx and both the CLI and Workbench. Version 1.52, an update to version 1.50 on disk 654. This version fixes a bug in 1.50 and adds support for 2.04-style wildcards from the CLI. Includes source. Author: Dave Schreiber FF727, FF654, FF546

3D Breakout 3D glasses, create breakout in a new dimension. AM15

3D-Arm The first stage of a larger project to study goal directed animation of articulated objects (objects which can move with various degrees of freedom but are constrained by attachment to other links within the object). This program demonstrates goal directed animation with a simulated 3-dimensional robot arm. Includes source Author: Bob Laughlin FF47

3Dcube Modula-2 demo of a rotating cube. AM8

3DPlot A 3D function plotting program that does hidden line, solid, or contour plots of equations of the form Z=F(X,Y). You can scale the plot, set plot limits, change rotation, etc. Can save and load the plots themselves, as well as the data. Version 2.0, includes source. Author: Randy Finch FF440

3DSolids 3D solids modeling prog. w/sample data files. ABasiC program AM1

3dsolids One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

3dstars 3D version of Leo's 'stars' program (also on this disk). Author: Leo Schwab FF33

3DTicTacToe A three-dimensional four-in-a-row version of TicTacToe, human against computer. Version 1.2, binary only. Author: Ron Charlton FF366

4-Get-It A fully playable version of an arcade quality puzzle game with 10 levels. The full version has almost 300 levels and 700K+ additional graphics. Impressive sound and graphics. Requires 1 MB. Binary only. Author: Adisak Pochanayon FF850

4D Two programs for visualizing four-dimensional objects. The Tesseract program displays the three-dimensional projects of a hyper-cube (tesseract), a hyper-octahedron or a hyper-tetrahedron. These can be rotated in three and four dimensions. The 4D Navigator program moves you through the three-dimensional surface of a four-dimensional sphere. Version 1.01 for both. Binary only. Source available from author. Author: Jerry D. Hedden FF541

4Wins A simple little WorkBench game where the first one to get four happy faces in a row wins. Author: Kay Gergs FF643

6bitcolor Extra-half-bright chip gfx demo, C program in C source code and executable. AM3

8ColorWB Modifies the Workbench so three bitplanes are used, icons can have eight colors, instead of four, eight-color icons are included. Public domain program "zapicon" or "brush2icon" converts eight-color IFF brushes to icons, to use Deluxe Paint to make icons for this new Workbench. AM25

24BitTools Three conversion programs to manipulate 24-bit images. IFF24To8 converts 24-bit IFF images to 8-bit IFF images Pro2BMP converts 24-bit 3D-Professional format images into 24-bit '.BMP' files that Microsoft Windows can understand and Pro2IFF converts 24-bit 3D-Professional format images into the more useful 24-bit IFF format. Includes source. Author: Dallas Hodgson FF553

60or80 A small utility to toggle the 60/80 column text modes without having to go through preferences. Works from either the CLI or the Workbench. Includes source. By: Mark Schretlen FF157

64 Colors: Using extra-half-brite mode in AmigaBASIC. Author: Bryan Catley AC6

501 This program keeps score for the dart game 501. Games recorded via the keyboard create a data base reflecting each player's performance. The statistics track personal bests, averages, win percentages and high scores. Written and compiled using HiSoft Basic Professional. Version 1.15, an update to version 1.12 on disk 651. Binary only. Author: Gilles Lepage FF728, FF651

1812Overture The 16 minute classical feature complete with Cannon! AM23

68020 Text describes 68020 speedup board from CSA. AM1

A Shared Library for Matrix Manipulations: Creating a shared library can be easy. Author: Randy Finch. AC12

A-Gene Latest demo version of a popular genealogy database program. A-Gene now supports both PAL and NTSC systems. This demo is complete but limited to 200 persons/70 marriages, and does not have on-line help. A-Gene includes a text-editor to add free-form reports to records and allows you to show digitised pictures from within the program. This version also includes Ordinances for Church of Latter Day Saints users. Pedigree charts and family group sheets, among other reports, can be printed. A-Gene needs 1Mb of ram. This is version 4.18, an update to version 3.10 on disk 425. Binary only. Author: Mike Simpson FF702, FF425

A-Render Version.3 a Ray-Tracing Construction Set for the Amiga Computer by Brian Reed ED FF99

A2ps Another "oldie but goodie" I found poking around the net. This seemed like an appropriate place to put it. A2Ps formats an ascii file for printing on a postscript printer, adds borders, headers etc. Lots of command line options. Includes source. Author: Miguel Santana, amiga port by Daniel Barrett FF797

A68k A 68000 assembler originally written in Modula-2 in 1985 and converted to C by Charlie Gibb in 1987. Has been converted to accept metacomco-compatible assembler source code and to generate Amiga objects. This is version 2.71, an update to version 2.61 on disk 314. Include source. Author: Brian Anderson; C translation and Amiga work done by Charlie Gibb FF521, FF314, FF186, FF110

A68Kex Twelve examples demonstrating the use of Charlie Gibbs A68K assembler. Over a quarter megabyte of assembly source code. Author: E. Lenz FF431

AAP_AAC Animation playback and convert programs. (AAP and AAC). AAP can show IFF ILBM pictures, show IFF ANIM_5 and IFF_ANIM_7 animations. It can show (long) sequences of animations and/or pictures using a script file and can operate from memory (preload) and/or disk. AAC converts between the supported anim filetypes and/or sequences of pictures. AAP version 1.2, AAC version 1.1. Includes source and a small sample sequence mix of pictures/animation from script file. Author: Wolfgang Hofer FF779

ABackup A very powerful backup utility that may be used both for hard disk backup and for file archiving. Has a full Intuition interface, a "batch" mode, can save/load file selection, handle HD floppies, use any external compression program, etc... Includes both English and French versions. Version 2.43, an update from version 2.40 on disk 838. Shareware, binary only. Author: Denis Gounelle. FF871, FF838, FF780, FF759, FF706

ABdemos AmigaBASIC demos. NewConvertFD creates .bmaps from fd files. BitPlanes finds addresses of and writes to bit-planes of the screen's bitmap. About Bmaps is a tutorial on creation and use of bmaps. LoadILBM loads and displays IFF ILBM pics. LoadACBM loads and displays ACBM pics. ScreenPrint creates a demo screen and dumps it to a graphic printer. Author: Carolyn Scheppner, Commodore-Amiga FF27

ABridge An interim solution to Anim-5 incompatability problems. Identifies the origin of an Anim-5 file and modifies it to facilitate easy exchange between AniMagic, Videoscape, Animation Station, DPaint III, Animation: Editor(v1.11), The Director, SA4D, Movie2.0, Photon Paint 2.0 and Cel Animator. Fully intuitionalized interface, full ARexx support including a Find ARexx option if you start ARexx after running ABridge. This is version 1.0, shareware, binary only. Author: Ron Tarrant, Mythra-mations Animation and Software FF359

Accent A universal accented character converter for Amiga, IBM-PC, MacIntosh, and C64 files written in most West European languages (Danish, Finnish, French, German, Italian, Islandic, Norwegian, Spanish, Swedish, and more. Works with either ASCII or Word Perfect files. This is a major update to version 1.5 on disk 454 (where it was called Vortex). New features include a graphical user interface, simple file reader, and copy option. Binary only. Author: Michel Laliberte FF535

Access A 16 color terminal program based on Comm version 1.34 Includes new macro window, custom gadgets, colorized menus, etc. Version Beta 0.18, binary only. Author: Keith Young (based on comm by D.J. James) FF98

Accordion Demo version of a solitaire type card game. The object of the game is to condense all the cards into one pile. The cards are dealt face up from left to right, one at a time. Piles are built by moving a card or pile from the left onto a card or pile to the right. V 1.0.1, binary only. Author: Steve Francis FF260

acoustic guitar Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Acp A copy program with file name expansion and argument interpretation like the UNIX cp. Author: Fred Cassirer FF36

Action A program for starting other programs dependent on file types. Files are shown, unpacked, executed, etc. dependent on a chosen action. Executes (multiple) commands for each passed file appropriate to the file type, which are described in a action definition file. Version 1.0, binary only. Author: Michael Suelmann FF905

Ada An Ada Syntax checker for the Amiga. Includes lex and yacc source. Author: Herman Fischer; updates by William Loftus FF154

Adapt CLI utility that converts special German characters in files imported from MS-DOS systems into the right Amiga codes. Can easily be changed to work with other languages. Version 2.2, includes source. Author: Lars Eggert FF378

Add Lets you create keyboard shortcuts for selection of menu items in programs where the author did not make provisions for such shortcuts, or chose ones that disagree with you. Also includes 'until' which waits for a specific named window to be created. Shareware, includes source. Author: John Russell FF73

AddAssign A small system patch and replacement for the standard CLI commands 'assign' and 'path'. With AddAssign, you may assign a logical device (like 'C:' to one OR MORE physical devices or directories). AddAssign is especially useful for programs which need a library or something else in a specified path, but you don't want them to be there. Version 1.04, shareware, includes source. Author: Alexander Rawass FF648

addbook One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

ADDCR V1.00 Utility to add CR's before LF's in files FF168 & 169

AddIcon A useful tool that copies icons to a given file or directory. It supports pattern matching and has various options. It first looks at the suffixes of the files and for chunks to identify their types, then it copies the right type of icon to the files. These icons should be located in the Icons: drawer. Contains all needed icons. OS 2.xx only. FreeWare version 1.7, binary only. Author: Hans-Peter Guenther FF750

AddKickMem Adds the KickStart memory to your free memory on an Amiga 1000 with Kickstart in ROM. FF105

addmem Executeable version for use with mem expansion article in AC v2.1. AM17

addmem.c Add external memory to the system. C program. AM4

AddMenu A program to add infinite number of menus to the Tools menu on Workbench V2.0. Uses the correct Workbench library calls and allows updating from CLI or from within the menu itself meaning infinite number of functions. This is version 1.56 an update to version 1.54 on disk 553. Binary only. Author: Nic Wilson FF565, FF553, FF501

Address Extended address book written in AmigaBASIC. Author: Mark Hurst FF32

AddressBook Simple database program for addresses. ABasiC program. AM1, AM8

Addresser Name, Address and phone number database in a window. Features include merge file creation for most popular Amiga word processors, envelope printing, user-defined address formats, support for the Amiga clipboard device, and much more. Version 2.0, an update to version 1.0 on disk #559. Binary only. Author: Jeff Kelly FF767, ff559

AddressitDEMO Demo version of a very powerful small business and personal mail manager that includes many extras. You can define up to 15 flags, export data to ProWrite and Wordperfect, and print rosters, mailing lists, labels, envelopes plus a whole lot more. Works with 1.2/1.3 and 2.0. Author: Legendary Design Technologies Inc. FF798

ADev11 A complete development system for Motorola's 68HC11 processor, including a macro assembler, linker, librarian, downloader and disassembler. Supports multiple source file and multiple relocatable segments per file. Binary only. Author: Stan Burton FF717

ADL This disk contains a distribution of ADL (Adventure Definition Language). ADL is a superset of an older language named DDL, by Michael Urban, Chris Kostanick, Michael Stein, Bruce Adler, and Warren Usui. ADL enhancements were made by Ross Cunniff, who submitted this material for inclusion in the Fred Fish library. The standard library files 'GeneralInfo', 'Contents', and 'Distribution', along with their associated icons, have been added to the disk. The directory 'c' has been added, along with a very nice text reader program called 'less', which is the default tool for reading all the text files for which there are icons. Included here are the sources to the ADL compiler, interpreter, and debugger. The binaries were compiled by Ross with the Lattice 3.03 compiler. Ross noted in his letter that currently ADL is a CLI environment program only, but that he hopes to offer a more Amiga'ized version in the future. Also, the stack size should be set to at least 10000 before attempting to run ADL. FF91

ADM A comfortable and flexible address database with font sensitive windows, commodity support, application window support, an ARexx-port, public screen support, and fully controllable from the keyboard. It includes user flags

Freely Redistributable Software

(grouping), email support, and freely configurable label printing. It can fill out letter forms and call your word processor, print remittance orders, dial the modem, and has online help. Requires AmigaDOS version 2.04 or later. Version 1.01, German version only. Shareware, binary only. Author: Jan Geissler FF847

ADoc A help utility for the Amiga. Features include automatic search of any work on which you clicked, ability to use AutoDoc and AmigaGuide files, support of locale.library, an AREXX port, and more. Version 3.01, an update to version 1.21 on disk number 747. Binary only. Author: Denis Gounelle FF875, FF747, FF627, FF402

ADtoHT A program to convert AutoDoc-files to AmigaGuide format. Creates links to functions and include-files. Requires OS2.0+. Version 1.01, includes source, freeware. Author: Christian Stieber FF853

Adventure A port of the classic Adventure game originally by Will Crowther and Don Woods. Has been extended to a 550 point version. Also speaks as it prints (though I found this feature annoying). Minimum 512K recommended. Binary only. Author: David Platt, Ken Wellsch, Dave Haynie FF82

Adventure The Colossal Cave Adventure, by Donald Woods and Will Crowther. This program runs from the CLI or Workbench, and is virtually identical to the original mainframe classic. This is version 1.10, an update to version 1.00 on disk 659. Binary only. Author: Donald Woods, Will Crowther; ported by Tony Belding FF727, FF659

AdvSys An adventure writing system, as described in the May 1987 issue of Byte magazine. AdvSys is a special purpose programming language that was specifically designed to be used to write computer text adventure games. Version 1.2, binary only. Author: David Betz FF87

AdvTemplates A collection of PD spreadsheet templates for business and law, originally intended for Lotus 123 on IBM PC's. They have been transfered to the Amiga, loaded into Gold Disk's The Advantage, and saved as native Advantage files. Requires Advantage V1.1 or higher. Author: Amiga port by Michal Todorovic FF431

AegisDrawDemo Demo disk of the Aegis Draw program. This is the actual production program with only the 'save' feature disabled and without documentation (intentionally). Very impressive program! Received directly from Aegis Development. Cc Version of the UNIX like C compiler front end program, for Manx C. Previous released version was for Lattice C. Author: Fred Fish FF29

Aequipot A program that renders multicolor pictures using an algorithm based on electrostatic effects. Renders in low-res, in high- res, and in two speed/quality modes. Includes both PAL and NTSC versions, English and German docs. This is version 1.15, an update to version 1.06 on disk 474. Now supports saving pictures in IFF-ILBM format and animation rendering via script files. Freeware, includes source in PCQ. Author: Juergen Matern FF517, FF474

Aerotoons Animations with anthropomorphed aircraft as the center of their humor. Includes Swiss Army F-16 In Combat and Stealthy Manuever II. Author: Eric Schwartz FF413

AFaxDemo Demonstration version of the AmigaFax software package. Send and receive faxes with your Amiga 500/1/2/3000. Features background fax operation share one phone line for fax and data (eg UUCP/BBS/FAX) fax spooling aliases/mailing lists. Converts between fax and text IFF ILBM TeX .dvi files and command files operates from shell or WorkBench. Requires compatible FaxModem. Demo version limited to single page transmit/receive. Version 1.20. Author: David Varley C-Born Software Systems FF619

Aftterm Commmunications program utilizing IBM 3278 terminal emulation. Binary only. Author: Don Brereton FF170

AGAtest Two little programs for the (lucky) owners of AGA machines that show all 2^24 colors on an AGA HAM8 screen without ever changing the 64 base color registers. Includes source. Author: Loren J. Rittle FF777

AHDM Amiga Hard Disk Menu. When placed in your startup sequence AHDM offers a sixteen page menu each page having up to ten possible actions. By double clicking on an action that action will execute any legal AmigaDOS command program or script file. This allows you to interactively select which programs you wish to start or packages to install at boot time. Version 3.00a an update to version 1.1a on disk 319. Binary only demo version that supports 5 pages of 5 actions. Author: Scott Meek FF631 FF319

Ahost Amiga terminal emulator featuring ANSI terminal emulation, file transfer with CompuServe's B-Protocol, Kermit, and Xmodem, user definable function keys, script language, RLE graphics and a special conference mode for use with CIS. Version0.9. Author: Steve Wilhite & George Jones FF40

AIB A gadtools driven Amiga interface builder for constructing windows menus and gadtools. It is incomplete and was submitted to serve as more AmigaDOS 2.0 example code. Includes C source. Author: Doug Dyer FF623

AIBB Amiga Intuition Based Benchmarks is a program designed to test various aspects of CPU performance using a full intuition interface. Tests include 'WritePixel', Sieve, Sort, Savage, Dhrystone, and Matrix. Version 2.0, binary only. Author: LaMonte Koop FF439

All The Archiving Intuition Interface makes things easier if you are archiving or dearchiving files. You can do it all with the click of a mouse button, instead of typing in a whole line in the CLI. Version 1.38, an update to version 1.35 on disk 825. Supports several archiving formats including LHa, Zoo, Arc, UnArj, and UnZip. Requires reqtools.library. Shareware, binary only. Author: Paul Mclachlan FF884, FF825, FF799

AirAce A fast paced WWI biplane shoot'em up game built using Accolade's Shoot'Em Up Construction Kit. Binary only. Author: Robert Grace FF469

AirFoil An update to the Airfoil generator on FF 71. Generates airfoil models as well as their corresponding streamline and pressure distributions. Includes source. Authors: Russell Leighton Addendum by David Foster FF150, FF71

AL Archive Lister. Recognizes and lists contents of archives created by ARC, LHArc, LHA, LZ, ZOO, APE, ZIP, WARP, DMS and ZOOM. AL is fully standalone and doesn't call upon the original archivers to list contents. Binary only. Author: Oliver Wagner FF684

alarm Sound demonstration icon-driven part of a set on AMICUS 10 AM10

AlarmingClock A simple alarm clock program with a very alarming 'ring', particularly if you hook it up to your stereo and turn up the volume. Includes source. Author: Brian Neal FF229

Alert Gives detailed information about the meaning of various Amiga alerts given the 32-bit hex alert number. Version 1.00 includes source. Author: Stefan Zeiger FF636

Alert Program to create custom alert boxes and standalone programs to display them. Each alert can be up to 7 lines of up to 77 characters per line. Version 3.6, shareware, binary only. Author: Thomas Jansen FF417

algebra One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

AlgoRhythms An algorithmic composition program that improvises music over a MIDI interface connected to the serial port. A MIDI inter- face and synthesizer are needed. The music is simple but can be pretty. Now on its own 8 color screen with 20 voices and more scales AlgoRhythms saves its own output to standard MIDI files and can play 330 notes/sec on a 68000 at 7MHz. Does not use Amiga audio. Version 2.0 an update to version 1.0 on disk 356. Includes source and sample data files. Author: Thomas E. Janzen FF606, FF356

Aliases Text explains uses of the ASSIGN command. AM1

alib Object module librarian. Author: Mike Schwartz FF2, AM2

Alice This animation is Carey's entry to the 1988 Badge Killer Demo Contest. Author: Carey T. Pelto FF212

Alint Support files for Gimpel lint to make it useful on the Amiga Author: Thomas Althoff FF34

AList A CLI command that lists the length of every file and the REAL length of every subdirectory in Bytes, KBytes and MBytes. Version 1.0, includes source in C. Author: André Willms FF742

AList A directory listing program based on Dave Haynie's LD4 program, with extensions and enhancements. Includes source. Author: Ed Kivi (original by Dave Haynie) FF108

AllocMaster Allocmaster is a program inspired by Nick Sullivan's 'Reserve' article in Amiga Transactor, for controlling the amount of both Chip and Fast memory available to the rest of the system. It is very useful for testing applications in low-memory situations. It also has a snapshot feature to report differences in available memory before and after running an application. V 1.17, binary only. Author: John Gerlach Jr. FF221

ALoad A program similar to XWindow's XLoad to display the load- factor on your Amiga. Requires KickStart 2.0. This is version 1.1b includes source. Author: Alexandru-Aurel Balmosan FF564

ALock A limited multiuser security system for your Amiga. This is version 1.04, binary only. Author: Trevor Andrews FF717

ALook An IFF ILBM displayer with lots of features! Displays Anims, HAM, extra half-brite, overscan, low-res, hi-res, lace, etc. Runs from WorkBench or CLI, recursive wild-card selection, specifiable delays between displays, loop mode and more. Uses iff.library. Requires OS 2.0. Version 3.1, binary only. Author: Trevor Andrews FF769

AlphMan A programmer tool which may help you to create an intuition or gadtools user interface. It opens a window with a gadget for each keyboard key. If you press a key the dependent gadget will be disabled. So you may check whether a key has been used or not. Requires AmigaDOS 2.04 or higher. Version 1.00, freeware, binary only. Author: Hans-Peter Guenther FF824

AltIcon Sets a second icon image, displayed when the icon is clicked. AM8

AltKeyQ A commodity that allows the user to input characters thru ASCII code by holding the left ALT key and typing in the code on the numeric keypad. (same as on PCs with MS-DOS). With AmigaOS 2.1 a localization takes place (currently German). Requires AmigaOS 2.04. Version 1.0, includes source. Author: Dieter Temme FF764

AM Algorithmic music generator. Produces MIDI output via Bill Barton's midi.library. This is version 1.1. Requires OS 2.0. Includes source. Author: Michael Balzer FF566

AMancala This is a slightly modified variant of an old African board game called Mankalla. Zero, one and two player mode, six computer playertypes, protocol function, 12 ranking lists maintained. Also a short online manual, SingleStep-Learn- Mode and two display modes (numerical, graphical) provided. Usage from both Workbench and CLI supported. Compatible with Kickstart 1.3 and 2.0. This is Version 1.19, binary only, shareware. Author: Thorsten Koschinski FF649

AMaster An address database program with sort, search and selections after each field. The number of entries depends only on the free memory. Has a lot of print options including a print to screen function. Has a full online help system. Includes both German and English versions. Is font independent and has been tested under 2.04 and 3.0. Requires AmigaDOS 2.04 or higher. This is version 1.52, freeware, binary only. Author: Hans-Peter Guenther FF827

Amastermind A mastermind type game written in AMOS and compiled so that it can be run from workbench. Fully mouse and menu driven. Features choice of 6 to 10 colors with 4 to 8 holes. This is version 1.1 shareware binary only. Full source avail- able from author. Author: Andrew Kreibich. FF554

AMC 'Amiga Message Center' Scrolls a message from a text file across the screen on a colorful background. Similar to the 'greetings' programs developed by European Amiga enthusiasts. V1.0, binary only. By Foster Hall FF182

AmCat Shareware disk cataloging program. Suggested donation of $20. Binary only. Author: Brian Conrad FF67

amgseq1 One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

AmiBack Demo version of Ami-Back v2.0, a nice backup utility for the Amiga. Features include backup to any AmigaDOS compatible device (such as floppies, removable hard disks, fixed media hard disk, and tape drives), compression, no copy protection, configuration files, complete backups, incremental backups, selective backups, file exclusion filter, setting of archive bit, password protected backups, online help, AREXX support, etc. Demo version does not have restore. Version 2.0a, an update to version 1.04 on disk 517. Binary only. Author: MoonLighter Software FF682, FF517, FF493, FF447

AmiBas Some miscellaneous AmigaBASIC programs, including a 3D plot program, a kaleidoscope, a C-A logo drawing program, a file comparison utility, a string search program, etc. Includes source. Author: Peter Kittel FF71

AmiBug Workbench hack makes the same fly walk across the screen at random intervals. Otherwise, completely harmless. AM24

AmicForm Creates a phonebook containing only those areacodes and exchanges reachable through PC-Pursuit. Update to the version on disk number 157. Works with the new Finalist BBS format. Version 1.4, Binary only. Author: John Motsinger FF178, FF157

AmiCheck An easy to use, intuitive, friendly checkbook program. Allows you to enter your checks in a very natural style, giving you a running balance as you do so. Options include reconciling your checkbook, starting new registers with outstanding checks only, printing all, cleared, outstanding, or selected entries, and more. Version 2.0, shareware, binary only, requires AmigaDOS 2.0. Author: Jeff Hoag FF490

AmiCron A simple UNIX 'cron' type program, which is a background task that uses a disk-resident table to automatically run certain tasks on a regular basis, at specific times. An enhanced and debugged version of AmiCron 2.3 from FF113. Includes source. Author: Steve Sampson, Rich Schaeffer, Christian Balzer FF139, FF113

AmicTerm A new terminal/communications program based on Dan James' 'comm' program, but greatly enhanced. Includes a script language, auto redialing, choice of display beep or audible beep, enhanced file requester, and more. Version .50 (beta), binary only. Author: David Salas and Albert Kirk FF82

AmiDock AmiDock is an Amiga version of the NeXT's Dock facility. It will open up a small window on your WorkBench full of little IFF brushes, Each brush represents an application, like an ICON but it's a brush. Click on the brush and your application will start. This is version 1.2.4. Shareware, binary only. Author: Gary Knight FF518, FF474, FF459

Amiga Developer's IFF disk This is a copy of the Amiga Developer's IFF disk, received directly from Commodore-Amiga sources, with permission to place in the library and redistribute. It is an update to FF16, and is unchanged except the volume name has been changed to AmigaLibDisk64.Enjoy-Fred. FF64, FF16

Amiga Flight Simulator IIAMICUS Scenarios Disk 16 contains several files of scenarios for Amiga Flight Simulator II. By putting one of these seven files on a blank disk, and inserting it in the drive after performing a special command. In this game, a number of interesting locations are preset into the Flight Simulator program. For example, one scenario places your plane on Alcatraz, while another puts you in Central Park. AM16

Amiga Kermit V4D(060) port of the UNIX C-Kermit. AM17

Amiga Turtle Graphics: Computer graphics and programming with a LOGO-like graphics system. Author: Dylan MnNamee AC10

amiga-copy One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

amiga3d Shows a rotating 3 dimensional solid 'Amiga sign'. No source available, executable only (downloaded from a Denver BBS). Author: Barry (bart) Whitebook of C-A FF12, FF14

AmigaBase A hierachical, programmable database that runs under OS 1.3 and OS 2.0. Has a full intuition interface. Features include two display methods, filter datasets, search datasets, print datasets, and much more. Nearly everything can be realized by programming AmigaBase. Datatypes can be Integer, Real, Boolean, String, Memo (Text), Date and Time. Number of datasets is only limited by available memory. Also included in the package are some example projects. Version 1.31, an update to version 1.21 on disk 813. Shareware, binary only. Author: Steffen Gutmann FF901, FF813, FF792

AmigaBBS AmigaBASIC bulletin board C program. AM12

AmigaBench Optimized Amiga assembly versions of the Dhrystone benchmark. Includes 68000 and 68020 versions. Author: Al Aburto FF236

amigademo Graphical benchmark for comparing Amigas. Author: Charlie Heath (MicroSmiths) FF1

Amigadex A disk based 'address book'. It is intended to be

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used as a personal data base for the names addresses and phone numbers of all your friends and business associates. May be used to maintain a small mailing list. Includes a flexible print utility and import function. Version 1.61 shareware binary only. Author: Ray Lambert FF631

AmigaDisplay Yet another variation of a terminal emulator program. This is a modified AmigaTerm that can emulate a dumb terminal (interesting paradox here somewhere...), translate line termination sequences, optionally capture or discard control characters in the captured file, use audible bell, use another font, etc. Author: Don Woods (Original code by Michael Mounier) FF18

AmigaEMS A utility program for Amiga bridgeboard users that allows you to use any amount of Amiga memory as expanded memory on the bridgeboard. AmigaEMS is LIM/EMS 4.0 compatible. This is version 1.01, shareware, binary only. Author: drs. A. D. Hagen FF687

AmigaFox A text processor with graphics capabilities. Version 1.00, binary only. Author: Michael Wust FF315

AmigaGuide Archive distribution of the AmigaGuide hypertext utility direct from Commodore. Contains developer examples and tools for AmigaGuide under V34/V37 and V39, plus a new free print/sign/ send-in distribution license for AmigaGuide, amigaguide.library, WDisplay, and their icons. Author: Commodore Business Machines FF870

AmigaHost V0.9 for Compuserve. Includes RLE graphics abilities & CIS-B file transfer protocol. AM17

AmigaLib A library of Workbench/ROM-Kernel interface routines for use with AbSoft Fortran. Includes source. Author: Jim Locker FF493

AmigaLine A series of various technical notes for Amiga programmers. Author: Byrce Nesbitt FF138

AmigaMail A collection of source code listings from the first eight issues of Amiga Mail Volume II published by the Commodore Amiga Technical Support group (CATS) from Sept 1990 to Nov 1991. Lots of very useful examples. Author: Various FF567

AmigaMonitor Dynamically display the state of the machine, including open files, active tasks, resources, device states, interrupts, libraries, ports, etc. Display window into memory. Version 1.13, binary only (source available from author). Author suggests $15 donation. Author: Jim Voris FF70, FF40, AM15

AmiGantt A project definition and management tool designed to create a simple, interactive method of outlining the task required to complete a particular project, using the GANTT chart as the input format. AmiGantt displays the project in a multi-window mode with separate windows for the GANTT chart, task information input, resource histogram display, and Pert chart display. Up to 500 tasks may be defined for any project, and a project may contain other projects as tasks. Version 3.0.0, shareware, binary only. Author: Donald Tolson FF493, FF248

AmigaPascal This is a mini PASCAL compiler, which may be used for smaller projects. It is not yet quite complete and can only be run from the CLI. Works on all Amigas, and OS versions from 1.2 to 3.1. Version 1.0, freeware, binary only. Author: Daniel Amor FF849

AmigaPet Another cute screen hack. Version 2.52b, binary only, source available from author. Author: Patrick Evans FF448

AmigaPunt A program designed to predict the performance of horses in a race. The premise is that the factors affecting a horse's performance, and ultimately the result of the race, can be given a value. Binary only. Author: Pierre A du Parte FF272

AmigaSpell Very nice intuition oriented shareware spelling checker, version 2.0, binary only. Author: Mike Berro FF67, AM8

AmigaTCP The KA9Q Internet Software Package supports IP, ICMP, TCP, UDP, and ARP as basic services, and implements the FTP, Telnet, and SMTP protocols as applications. It runs on IBM PC and clones, the Apple Macintosh, and the Amiga. Includes source. Author: Bdale Garbee, Phil Karn, Brian Lloyd FF225

amigaterm Terminal emulation program with xmodem upload/download capability Author: Michael Mounier FF1

AmigaToAtari Source code for an Amiga to Atari ST object code format converter. Takes Amiga objects as input and produces Atari objects as output. This allows the Amiga to be used as a cross development machine providing the proper libraries are available. (Currently does not work, but I don't have an ST to try it with anyway...) Author: Landon Dyer at Atari Corp. FF20

AmigaToNTSC AmigaToNTSC patches graphics.library so it will think you have an NTSC Amiga. AmigaToPAL will patch it to think you have a PAL Amiga. Custom screens will open in the mode selected. Version 1.0 binary only. Author: Nico Francois FF575

AmigaTration A 'Concentration' like game for the Amiga, where you must locate matching tiles on a grid that can range from 4x4 (easy) to 12x12 (difficult). Version 1.0, binary only. Author: Gabe Dalbec FF453

AmigaTrek I Three stories which are a parody of the Star Trek series, with an Amiga flavor. Author: Mike Smithwick FF278

AmigaTrek II A continuation of Mike's Amiga Trek stories, which are parodies of the Star Trek series, with an Amiga flavor. Author: Mike Smithwick FF320

amigatricks Text, tips on CLI commands. AM5

AmigaVenture A program which allows you to write your own Infocom-style adventure programs in AmigaBASIC. It is a full-featured adventure parser, including direct and indirect objects, multiple object processing, adjectives, automatic ambiguity resolution, and subordinate clauses. The parser includes support for one, two, or three-word verbs, and a full set of object-manipulation primitives. Author: Mitsuharu Hadeishi FF41

AmigaWave This is Allen's entry to the 1988 Badge Killer Demo Contest. It is an animation with sound effects by: Allen Hastings FF211

AmigaWorld A database program that contains information about every country on Earth. It enables you to have a look at the data of one country, or to compare several ones. Among other things it displays location, capital, area, population, languages, currency and the flag of each country. AmigaWorld is very easy to handle, and you can use it with your favourite font, screen mode and colors. You can also choose between English, German, Swedish and Dutch output. It works on every Amiga that has one MByte of memory and Kickstart 1.2 or later. Freeware version 2.0, an update to version 1.1 on Disk number 851. New features include flag display and information about religions and international organizations. Modula-2 source is available from the author. Author: Wolfgang Lug FF893, FF851, FF804

AmiGazer Compute a view of the night sky using a data base of 1573 stars for any date time of day and latitude. Click on stars for info about them. This is version 3.0 an update to the version on disk 90. Now compatible with WB 2.0. Binary only. Author: Richard Horne FF619, FF90

Amiga_E An Amiga specific E compiler. E is a powerful and flexible procedural programming language and Amiga E a very fast compiler for it, with features such as compilation speed of 20000 lines/minute on a 7 Mhz amiga, inline assembler and linker integrated into compiler, large set of integrated functions, module concept with 2.04 includes as modules, flexible type-system, quoted expressions, immediate and typed lists, low level polymorphism, exception handling and much, much more. Written in Assembly and E. Version 2.1b, an update to version 2.1 on disk 810. Public domain. Includes partial sources. Author: Wouter van Oortmerssen FF848, FF810

AmiGo A Go board and player for the Amiga. You can play against another human, against the Amiga, or have the Amiga play itself. Version 1.0, includes source. Author: Todd Johnson, Stoney Ballard FF289

AMines A small game, like the X-Window's game XMines. The aim of the game is to detect all of the 99 mines in a 30 by 16 playing field. Selecting a field uncovers a number that indicates how many of the adjacent fields contain mines. This is version 1.1, binary only. Author: Manfred Huesmann FF707

AmiOmega Amiga port of the Omega game. Omega is similar to hack or rogue, but is much more complex. There is a city, several towns, a wilderness, lots of dungeons, a multitude of monsters, lots of spells, magic items, etc. There are several quests to complete. All in all, it is an excellent game. This is version 1.5, a different port than version 1.0 on disk 320. Binary only. Author: Laurence Brothers, Amiga port by Klavs Pedersen FF528, FF320

AmiQWK QWKMail format offline message system. Allows reading of QWKMail format offline message packets popular with many bulletin board systems (BBSes). Replies can be edited using any text editor and packed for transfer at a later time. AmiQWK has been tested with many QWKMail systems for IBM and Amiga based BBSes. Requires Workbench 2.04 or higher. Release 2 version 1.0, Shareware, binary only. Author: Jim Dawson FF907

Amoeba This clone of Space Invaders is one of the best freely redistributable games for the Amiga to date. Unlike many commercial games, it even works correctly in a multitasking environment (by not requiring you to reboot just to play a game). Highly recommended! Binary only. Author: LateNight Developments FF120

AmokEd A highly configurable editor based on Matt Dillon's well known DME. Features a rich command language, an ARexx interface and ARexx based application port, environment variable support, user definable pull down menus, fast scrolling and scroll gad- gets, multiple file editing, iconification, reentrant and can be made resident. Written in Oberon, version 1.30, binary only. Requires AmigaOS2.0 or higher. Author: Hartmut Goebel FF749

AMon 1.1 Snoop on system resource use. Executable program and documentation. AM19

amortize Loan amortizations program in AmigaBASIC. AM11

AMPlotDemo A demonstration version of a commercial graph plotting program designed for publication quality plotting of scientific data. The demo allows datasets no larger than 10 datapoints and will not create hard copy plots. Version 2.0, binary only. Author: Andrew Martin, SciTech Software FF737

AmScsi Preliminary documentation for a hardware project to build a SCSI controller board. The design does not support DMA or AUTOCONFIG'ing. Author: Rich Frantz FF66

AMUC_Demo A really neat horizontal scrolling demo that is a 2400 x 200 pixel 32 color IFF picture composed of Digi-View snapshots of members of the AMiga Users of Calgary, superimposed on a very wide picture of the Calgary Skyline. Binary only. Author: Stephen Vermeulen and Stephen Jeans FF117

AMXLISP Amiga-ized version of the XLisp interpreter originally by David Betz. V2.00, includes source. By David Betz; Amiga work by Francois Rouaix FF181

AmyLoad A graphical monitor of CPU, blitter, and memory use. Includes two components; load.device, which monitors system parameters, and amyload, which is the user interface and display program. Includes source. Author: Jeff Kelley FF111

AmyVsWalker Another cute animation from Eric Schwartz. This one has Amy the Squirrel attempting to take a wrench to the a 'Walker' from 'The Empire Strikes Back'. Author: Eric Schwartz FF450

AnalogJoystick Software support for use of analog joysticks on the Amiga. Includes a driver, a header file for code that calls the driver, and an example program that uses the driver. Includes source. Author: Dave Kinzer FF247, AC4

AnalyRim An integration of the AnalytiCalc spreadsheet (disk 495) and the RIM-5 relational database management system (disk 143). Integrates a spreadsheet with hundreds of functions and 18000 by 18000 cell address space with a complete disk based DBMS and functions permitting one to move relations or selections of relations in either direction between spreadsheet and data- base. In this way large relations can be stored on disk yet accessed as needed in the spreadsheet from whence they can be computed with or plotted. The command language of RIM is fair- ly close to SQL and documents for it are included. Also sup- ports GnuPlot to provide flexible plotting. A minimum of 2Mb of memory is recommended of which 750K must be contiguous. Because the full distribution would not fit on a single disk it has been split onto two disks with disk 593 containing the executable and needed 'keypad' command files and disk 594 containing the source and documentation. Author: Glenn C. Everhart et. al. FF593 & FF594.

AnalytiCalc The AnalytiCalc spreadsheet, directly executable. This version features operation with only one window, many "3 dimensional" sheet addressing primitives, and optional execution from icons. Two images are furnished, one for smaller and one for large internal storage (though both have software virtual memory if needed). These images operate OK under AmigaDos 1.2, 1.3, and 2.0. They include code allowing the spreadsheet to be treated as a series of "pages" so that a cell has a row, column, and (optionally) page, and ranges can be in depth along pages as well as along rows or columns. The mapping is flexible enough so that it can be used to facilitate computing traces of matrices if desired, as well as for more conventional use. Version V25-03B, an update to version V24-01a on disk 328. Includes source. Author: Glenn Everhart FF495, FF328, FF176, FF144, FF104

Analyze Templates 12 templates for the spreadsheet Analyze. AM11

Analyzer This program allows data stored in one or more files to be examined as representations of electrical signals either graphically or numerically in the same manner as with a logic analyzer. Screendumps of the display may be produced. Compatible with NTSC and PAL machines. Tested with Kickstart 1.2 and 1.3. Version 1.00 binary only shareware. Author: Andrew Hackett FF576

AngusCopy A disk copy program with intuition user interface. Version 2.0, shareware, includes source in Modula II. Author: Andreas Gunser FF455

AnimalSounds A sample of digitized animal sounds along with a simple sound player. Authors: The Trumor Company, Inc. Sound Player by Don Pitts FF149

AniMan The final version (5.2) of AniMan, the voice recognition program that allows you to converse with an animated talking head to execute any ARexx or CLI command. AniMan appears as a full color animation in a miniature window on the 3.0 Workbench screen. AniMan is fully multitasking and runs in the foreground or background, listening for your voice commands even while other programs may be running. Many improvements requested by users are now included. Menu operations have been improved. Documentation is provided in AmigaGuide format. Audio digitizer support has been expanded to include Perfect Sound 3, Sound Magic (Sound Master), DSS 8, and Generic digitizers. AniMan 5.2 requires AmigaDOS 3.0. An update to version 5.0 on Disk #841. Binary only. Author: Richard Horne FF898, FF841, FF723, FF712, FF653

Animate Tutorial describes animation algorithms, by John Draper. AM2

Animation? BASICally: Using cell animation with AmigaBASIC. Author: Mike Morrison AC7

Animations Some animations made with Aegis Animator. Includes a player program Author: Aegis Development FF53

Animations VideoScape animations of planes and boing ball. AM22

AnimBalls A nifty little animation program that allows you to create a collection of balls in three-space and then interactively rotate them in real time using the mouse. Includes source. Author: Jim Guilford FF157

AnimBrushes Eight AnimBrushes for use with ToolManager 2.0 (Copyright (C) 1990-92 Stefan Becker). They have been designed for a four color non-interlaced hi-res screen. Author: Gérard Cornu FF857

AnimFader A small utility to fade screens in and out. Useful for softly fading things like animations recorded on video tape. This is version 1.0 binary only. Author: Andreas Ackermann FF607

AnimPlayer An animation reader and displayer that is the result of a consortium of animation software developers, which includes the authors of Videoscape, Sculpt3D, Silver, Forms-In-Flight, and Animator:Apprentice. Includes source. Author: Martin Hash et al. FF96

Anims Some more cute animations from Eric Schwartz. Includes Batman, LateNight, and Terminal. Author: Eric Schwartz FF414

AniPtrs Some cute animated pointers. I have adopted one of them as my permanent replacement for the boring red arrow. Binary only. Author: Bob McKain FF332

Aniptrs2 Some more animated pointers to choose from to liven up your display environment. Binary only. Author: Bob McKain, pointer animation program by Tim Kemp FF364

Aniptrs3 Some more animated pointers to choose from to liven up your display environment. Other pointers from Bob are on disks 332 and 364. Binary only. Author: Bob McKain, pointer animation program by Tim Kemp FF394

Aniso A small puzzle game for your Workbench screen, similar to the "Brain game". Played in a small window containing two 3 by 3 grids. One grid is already filled with numbers between one and four, and the other is empty. The goal is to form an image of the first grid by clicking on squares in the empty grid. Includes source. Author: Barry McConnell FF707

Annotate A text editor written for ADos 2.04 only. Takes

advantage of Public screens and the system default font. Features include folding, shifting, vertical cut and paste, full clipboard support, macros, scroll bar, editor buffering, printing, text locking and a tools menu. Version 1.8, an update to version 1.0 on disk number 641. Binary only. Author: Doug Bakewell FF751, FF641

ANSI A small CLI utility to convert C source between ANSI and Kernighan and Ritchie function definition formats. Also allows generation of prototypes. No Amiga extensions and should be portable. Version 1.6, an update to version 1.0 on disk 598. Includes C source. Author: Andrew Martin, SciTech Software FF737, FF598

ansi.txt escape sequences the CON: device responds to. AM15

AnsiEcho Some commands written in assembler. Includes an echo command, touch, list, cls (clear screen), and ask (wait for user input). Author: Dewi Williams FF39

ANSIEd Demo version of an ANSI screen file editor. It allows you to easily create and modify a screen of ANSI-style text/graphics on the Amiga. The standard ANSI color set (red, green, yellow, blue, magenta, cyan, white) and text styles (plain, boldface, underlined, italic) are provided, along with some simple editing and drawing functions. This demo version has the save features disabled. This is version 1.3.0. Binary only. Author: Greg Epley FF324, FF221

ANSIMaster ANSI editor that provides the full IBM font set and color capability. Very useful for the design of custom ANSI screens/graphics for telecommunications. Version 1.0, binary only. Authors: James Davis and Joe Rattz, Jr. FF378

AnsiRead2 Bridges the gap between IBM and Amiga ANSI by displaying IBM ANSI text and graphic animations (as usually captured from bulletin boards) in their full intended colors and motion. Includes several samples. Version 0.2, binary only, shareware. Author: Glenn Kauffman FF377

AnsiView A utility to view IBM ansi pics on the AMIGA. Supports the 16 color IBM Ansi standard fully. Works on any AMIGA running any version of AmigaDos. Version 1.0, binary only with source available from the author. Author: Marcus Trisdale FF896

AntiBorder CLI window frame remover. Turns your CLI window into the largest possible borderless window that can be displayed on the WorkBench screen. I.E. Creates a 80 x 32 character CLI window for standard PAL Amigas. Version 1.0, includes assembly source. Author: Paul Hayter FF537

AntiCBS An animation cooked up by Leo in protest of CBS's coverage of the Hacker's Conference in Oct 88. After reading the transcript I was angered enough to feel this needed widespread distribution, even though it is quite old. by: Leo 'Bols Ewhac' Schwab FF217

AntiCIcloVir A link virus detector and exterminator. Also detects other types of viri. This version can detect: 126 Bootblock; 12 Link; 23 File; 5 Disk-Validator; 5 Trojans; and 3 Bombs; Automatically checks each inserted disk for bootblock and disk-validator viruses. Can scan all files of a specified directory for known link viruses, and constantly monitors memory and system vectors. Version 2.0, an update to version 1.8 on disk 842. Shareware, binary only. Author: Matthias Gutt FF865, FF842, FF815, FF767, FF733, FF710, FF664, FF648, FF611

AntiLemmin Another great, humorous, animation from Eric Schwartz. This one was obviously inspired by the wonderful Lemmings game. Lasts a full two minutes and ten seconds. Requires at least 2 Mb of memory. Author: Eric Schwartz FF490

AntiRascism Some texts, pictures and programs dealing with the problem of violence & rascism. Sources included. Version 1.0. Author: Daniel Amor and others FF894

APalAsm A Programmable Array Logic (PAL) program based on an old MMI Fortran IV program from the 'PAL Handbook' Second Edition and Third Edition by MMI. This Version (1.00) is completely rewritten for Fortran 77. The outputs produced are sent to separate files instead of the screen. There are plenty of example PAL files to test, inspect, or just to learn what PAL's are all about. The Fortran source is included with the instructions to compile using AC/Fortran version 2.3. Author: Bob Metzler FF432

ApfelKiste 'Apfelkiste' is yet another mandelbrot program but very fast and simple to use. It has special assembly routines for fixpoint calculation. Includes versions for 1.3 and 2.0 68000 and 68030 each. Full source (C/Assembler) included. Author: Michael Böhnisch FF566

APIG ARexx Programmers Intuition Graphics library is an ARexx external function library similar to RexxArpLib. APIG.LIBRARY provides the ARexx programmer with access to most of the resident Graphic Intuition and Layer library functions. Allows you to create custom screens/ windows gadgets reques- ters intuitext borders etc. This is version 3.3 an update to version 3.1 on disk 629. Binary only. Author: Ronnie E. Kelly FF634, FF629, FF559

APipe An "Amiga pipe" device. If opened for read, it will run the file name as an Amiga CLI command, with the output going to the opening process. If opened for output, it will run the file name as an Amiga CLI command, with output to the opened file sent to the command as input. Version 37.4, an update to version 37.2 on disk number 601. Author: Per Bojsen FF783, ff601

Append CLI utility that allows you to directly append one or more files to another without having to use the roundabout methods necessary with the AmigaDOS join command. Version 1.0, includes source. Author: Oliver Enseling FF379

AppISizer An AppIcon utility to get the size of disks, directories or files. Gives the size in bytes, blocks and the actual size occupied. Now supports 5 tooltypes and command line options for the positioning and replacement of the internal AppIcon, and for the positioning of the output window. Requires KickStart 37.175 or higher. Version 0.61, an update to version 0.41 on disk number 802. Binary only. Author: Gérard Cornu FF853, FF802, FF787

AppliGen An Application Generator for Superbase III. Create the SBpro DML program's menus without having to do the same work over and over. Creates Superbase DML sources with menus, labels, opening of files, queries, etc. Many user-selectable options (inluding all SBpro SET commands). Menus can be previewed as Intuition menus or text-menus. Sources and included sub- routines can be syntax checked, and exported as ASCII or ".sbp"-file. Version 1.0 interpeted language source and executable. Author: Ivo Kroone FF646

APrf A print utility with a full Intuition interface, a preview function, page selection, line numbering, multi-columns mode, customizable headers and footers, an AREXX port, an AppWindow, and more. Includes both English and French versions. Version 2.11, an update to version 1.40 on disk number 747. Binary only. Author: Denis Gounelle FF875, FF747, FF706, FF628, FF402

AQData Information to aid users in updating B. Lennart Olsson's Aquarium Version 1.12 database. Includes information on disks up to number 360. Author: Howard Hull FF369

AquaPack This package is a replacement of the old Aquarium program. NewFish, NewAqua and CliAqua support a packed database but are also compatible with the old (unpacked) database. The entire package supports a user configurable database path. CliAqua has the same functions as NewAqua, but is controlled via CLI. It has an interface to install on a BBS. AquaPack is written in SAS-C. NewFish is version 2.71, NewAqua is version 1.01, and CliAqua is version 1.01. Source is available from the author. Author: Silvano Oesch, Paul Wittwer FF837

Aquarium A program for searching through a special database contain- ing information about the contents of the library in order to find programs that match a specified list of conditions. Includes a database of disks 1-550 and two programs to add the contents of future disks to the database one by Silvano Oesch and the other by B. Lennart Olsson. Aquarium version 1.15 Olsson NewFish version 1.13 and Oesch NewFish version 2.6. Binary only. Author: B. Lennart Olsson and Silvano Oesch FF559, FF301

ar Text file archive program, C program in C source code and executable. AM2

Arc The ubiquitous compressing archiver program that has become the defacto standard for distributing binaries and multi-file postings on most BBS's. This is Amiga version 0.23, a port of arc version v5.0, binary only. Author suggests $35-$50 donation. Author: System Enhancement Associates Amiga version by Raymond Brand FF70, FF40, AM8, AM17

ArchEdge Intuition interface for several of the more popular archiving utilities such as ARC, ZOO, LHARC and PAK. Includes an Auto-Pad function that will automatically add some morsels for the modem. Version 1.5, includes assembly source. Author: Robert Lang FF362

Archx Yet more programs for bundling up text files and mailing or posting them as a single file unit. Author: Martin Minow FF26

ArcL A utility that lists your ZOO, ARC and LZH Archives with automatic type detection. Includes german version and documentation. Version 1.0, binary only. Author: Oliver Graf, T.O.M. Software FF535

ArcPrep ArcPrep prepares files and/or directories for archival with arc or any other program that can't scan through different directories and/or handle long filenames. V2.1, includes source. Author: Garry Glendown FF214

ARCre Creates rename scripts so that files with long names can be easily archived and de archived correctly by 'arc'. Author: John Hoffman FF53

arcre for making "arc" files E.C. AM17

AreaCode Program which decodes area codes into state and locality. Version 1.5. Author: Bill Beogelein FF40

ARestaure Permits you to restore accidently deleted files. Works on all Amiga partitions (Floppy, Hard disk and RAD:). Intuition interface where user can select between one of three different languages: English, French and German. Version 1.00, Binary only. Author: Jean-Yves Proux FF760

Arexx Part II: Information on how to set up your own ARexx programs with examples. Author: Steve Gilmor. AC7

ARexxAppList The ARexx Application List. A list (plain text) of approximately 175 Amiga programs that support ARexx, with brief descriptions of their capabilities. Updates are posted in the USENET newsgroup comp.sys.amiga.applications. Version dated October 15, 1992. Author: Daniel J. Barrett FF754

ARexxBox ARexxBox, inspired by the GadToolsBox by Jan van den Baard, is a tool which greatly simplifies the design and implementation of an ARexx interface for a program. Provides a graphical in- terface in which to enter the command arguments and results, then creates the C source; one module containing necessary basic functions and another containing the interface stub rou- tines to which you only have to add your code to. This is version 1.00, binary only. Author: Michael Balzer FF745

ArgoTerm Yet another terminal emulator program. However, this one is written in macro assembler, so should be of interest to anyone doing serious assembly language development. Version 0.20 Author: Jez San FF12, AM3

Args: Passing arguments to an AmigaBASIC program from the CLI. Author: Brian Zupke AC2

ArmyMiner An ultimate "XMines-type" game that integrates all of the best aspects of the previous Amiga versions of the game. Options include: Automatically mark or clean the neighbours of a square; Safe start (no explosion at first click); Safe click (gadget-like behavior for squares); Question marks (for configuration analysis). You can also specify your own custom board settings. The game has a very useful pause option, sound effects, high-score tables and a very nice interface. It works under OS v1.3 or 2.0, NTSC or PAL. Version 1.4, an update to version 1.1 on disk number 876. Binary only. Author: Alain Laferriere FF903, FF876, FF851

ARoach Based on Xroach for X-Windows, displays disgusting cockroaches on your screen. These creepy crawlies scamper around until they find a window to hide under. Whenever you move or resize a window, the exposed orthopteras again scamper for cover. Version 1.0, requires at least AmigaDOS Release 2, includes source. Author: Stefan Winterstein FF899

ARoff A complete and powerful program for text formatting much inspired by the 'nroff' utility on UNIX systems. This is version 1.12. Includes source and documentation in both English and French. Author: Denis GOUNELLE FF583

Arp ARP stands for 'AmigaDOS Replacement Project'. Arp is an effort led by Charlie Heath of Microsmiths Inc., to replace the current DOS in a compatible fashion, so that current programs will continue to work. Arp also makes whatever improvements are possible, so that current and future pro, FF53grams will work better. Author: Various authors contributed work FF123

ArpRequest A demonstration of how to use the ARP filerequester from AmigaBasic. Author: Andreas Ackermann FF604

ARPTools A group of small utility programs requiring ARP, that have been created to address some deficiencies of the ARP CLI environment, especially to exploit the potential offered by non-named pipes in the ARP shell. Version 1.0, includes source. Author: Fabio Rossetti FF284

Arq Replaces the standard system requesters with nice animated requesters which you can also attach different sounds to. Works under AmigaDOS 1.3 or 2.0 to give all the normal system requesters a nice new look. Version 1.66, an update to version 1.61 on disk 527. Now allows custom animations. Binary only. Author: Martin Laubach, Peter Wlcek, and Rene Hexel FF665, FF527

Arrange A text formatting program, Executable program. AM3

arrow3d Shows a rotating 3 dimensional wire frame arrow. No source available, executable only (downloaded from a Denver BBS). Author: Steve Beats of C-A FF12

ArticFox.pic A IFF screen from ArticFox. AM6

ARTM Amiga Real Time Monitor. Displays and controls system activity such as tasks, windows, libraries, devices, resources, ports, residents, interrupts, vectors, memory, mounts, assigns, locks, fonts, hardware, res_cmds, a little SystemMonitor and display the last Alert. Version 1.7, an update to version 1.6 on disk 652. Shareware, binary only. Author: Dietmar Jansen and F. J. Mertens FF887, FF652, FF551, FF327, FF277

As6502 Contains a portable 6502 assembler, including source in C. Author: J. Van Ornum; Amiga port by Joel Swank FF92

ASDG-rrd Useful shareware recoverable ram disk. This AmigaDOS device driver implements a completely DOS compatible disk device in memory that survives resets, guru's, and crashes. An absolute must for those with lots of ram. . It now works with up to 8Mb of memory. and is written in assembly. Binary only. By: Perry Kivolowitz, ASDG Inc. FF241, FF58

ASendPacket Example program for sending multiple packets asynchronously to a DOS handler, for those interested in implementing programs with a synchronous AmigaDOS file I/O. Author: Phillip Lindsay FF35

Ash A ksh-like shell for the Amiga. Some of its features include command substitution, shell functions with parameters, aliases, local variables, local functions, local aliases, powerful control structures and tests, emacs style line editing and history functions, I/O redirection, pipes, large variety of built-in commands, Unix style wildcards, Unix style filename conventions, filename completion, and coexistence with scripts from other shells. Very well documented. V1.0, binary only. By: Steve Koren FF279

Ash Prerelease version of a C-shell like shell program. Has history, command substitution, loops, etc. By: Thorn Smith FF18

AshIdo A clone of the commercial game 'Ishido'. You must put 62 tiles with 6 different patterns and 6 different colors on a 12 x 7 board, but only tiles with either same color or same pattern may touch each other. Six different game modes. The best players scores are saved to disk. Version 1.0, includes source in assembly language. Author: André Wichmann FF655

ASimplex An implementation of the Simplex algorithm for solving linear programs. It uses the standardized MPSX-format for input data files. This is version 1.5, an update to version 1.2 on disk 199. Changes include bug fixes, the ability to run from CLI, it's own window for I/O, and some new and improved commands. Includes source. Author: Stefan Forster FF250, FF199

Ask questions an 'execute' file, returns an error code to control. AM15

AskEnv A requester construction tool for use with DOS-scripts, AREXX and any other language that can start an external program. System and file requesters may be called by command line args, and config files allow construction of complex requesters containing almost any type of gadtools gadgets. Extended gadget types can call file requesters and start programs. Results are stored in environment variables. Requires OS 2.04, Version 2.5, binary only. Author: Bengt Giger FF891

AskFirst A software disk write-protection. With the permission of the user, disables floppy writes even on write-enabled disks. Switches to enable/disable states with a gadget. Runs from both WorkBench and CLI. Includes source in assembly. Author: Kamran Karimi FF753

AskReq This is another batchfile requester. It displays a message and prompts the user for a string or optionally for

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a number. It may be also used to request a choice between the specified gadgets. Has a lot of CLI options. Requires AmigaDOS 2.04 or higher. This is version 1.00, freeware, binary only. Author: Hans-Peter Guenther FF827

AskReq Yet another batchfile requester, similar but unrelated to the program of the same name on disk number 827. Opens up a window, displays a message and solicits a Yes/No type answer from the user. Requires OS2.x, version 1.00, both English and German versions and includes source in C++. Author: Harald Pehl FF861

AskTask Allows you to examine various bits of the task structures of all tasks in the system, from the lists attached to ExecBase. Diskplays priority, state, flags, stack, signals, etc. You can also remove tasks, change the priority of a task, or send arbitrary signals to a task. Version 2/4/89, with source. By J. Bickers FF230

AskVersion This little program can be used to check whether you are running under AmigaDOS 1.3 or AmigaDOS 2.04. You can put it into your startup-sequence to execute a 1.3 bootup script. This is version 0.01, public domain, includes source. Author: Hans-Peter Guenther FF827

Asm A shareware macroassembler, submitted by the author. Asm is a 68010 macro assembler that is compatible with the assembler described in the AmigaDOS manual. This is version 1.1, an update to the version on FF46, and includes bug fixes, additional standard Motorola mnemonics and a simple startup code module. Author: Douglas Leavitt FF50, FF46

Asm68k Full featured macro assembler, version 1.1.0, binary only. Well documented. By: W. Wesley Howe FF81, FF69, FF66

AsmExamples A couple of assembly code examples. Executables are not extremely useful but the code might be of considerable benefit to beginning assembly language programmers. Author: Henrik Clausen FF155

AsmFilter In AmigaBASIC turns the output of the Metacomco disassembler into a file that can be re-assembled. FF105

ASMOneDemo A demonstration version of the commercial assembly develop- ment package 'ASM-One' with save disabled. Provides editor macro-assembler optimizer monitor and debugger. Can be controlled via mouse or keyboard. Includes assembly include files and offsettables. Many documentated examples provided. V1.02 binary only. Author: Rune Gram-Madsen DMV-Verlag FF556

AsmProgs Some misc assembly tools, programs, etc. FF105

asmsupp.i Sample library example AM5

AsmToolBox An assembler 'toolbox' created to make interfacing between assembler programs and AmigaDOS easy. Includes source. Author: Warren Ring FF136

AsmTools Some CLI type tools, written in assembler (echo, load it, mounted, setlace, why). With source. By: Bryce Nesbitt FF79

ASokoban An implementation of the UNIX game Sokoban for the Amiga. Has the original 85 levels of the UNIX game, a nice Intuition GUI, undo and backup functions, and is fully multitasking. Requires Kickstart 2.0. Version 1.1, binary only. Author: Panagiotis Christias FF825

ASpice A version of the SPICE 2G.6 circuit analysis program which has been modified to run in the Amiga environment. The program arrays are adjusted to require one tenth the memory of the DEC VAX version. Although this does not usually put much of a constraint on circuit analysis, some users who are used to the full mainframe environment may have to be more aware of the memory demands of their analysis. Requires a minimum of 1 MB memory. This version neither supports nor requires the 68020 processor or 68881 coprocessor. This is Amiga version 5.1, an update to FF177. Binary only. Authors: Many, see Documentation. Amiga port by Dan Warns. FF278, FF177

AssemblyDemos An interesting group of assembly language demos for your visual and aural pleasure. Binary only. Author: Foster Hall FF154

AssemTools A collection of files of great interest to Amiga assembly language programmers. The collection includes 140 macro routines which make assembly language programming a lot easier. There is also a library of routines containing buffered C-like file handling functions (fopen, fclose, fgets, fputs, etc) and a file name requester. All routines are re-entrant. Includes source for example programs using the macros and library, and a 65c02 cross macro assembler. Author: Jukka Marin FF247

Assign Replacement for AmigaDOS assign command, written in C. Author: Charles McManis FF52

AssignDev Assigns multiple names to a given device. For example, allows the names 'df0:' and 'df3:' to refer to the same physical device. This is a modified version of the original released on FF79. Includes source. Author: Phillip Lindsay, mods by Olaf Seibert FF111, FF79

Assigned Same code showing how to find out whether or not a name has been assigned (via the DOS ASSIGN command) before using it, thus avoiding the DOS Insert-Disk requester. Includes source. Author: Dan Green FF66

AssignWedge An AssignX clone, redesigned from the ground up, which fixes a couple of potential bugs in the original program and is also able to cope with an internationalized operating system. Kickstart and Workbench 2.04 or higher required. Version 1.1, source in 'C' is included. Author: Olaf 'Olsen' Barthel FF689

AssignX A 2.0-only utility to create assignments when you get a "Please insert volume" requester. Also lets you cancel the request, forever. Installs by dropping into your WBStartup drawer. This is version 1.2, an update to version 1.0 on disk 475. Includes source. Author: Steve Tibbett FF487, FF475

Asteriods 'blast the asteriods' type game. Unique feature is that all the images and sounds are replaceable by the end user. So instead of ships and rocks, you can have an Amiga against a horde of IBM PC's if you wish. Author: Rico Mariani FF122

Asteriods A very nicely done asteriods game. All images and sounds are loaded from disk as IFF files, and can be replaced by the user if desired. This demo version has been partially disabled to keep the player from going past level 5. Version 0.85, shareware, binary only. Author: Mike Seifert FF826

AsteroidField This is Michael's entry for the 1988 Badge Killer Demo Contest. It is a large animation of a spacecraft flying madly through an asteroid field (chased by unseen foes) that includes a couple of near misses. Author: Michael Powell FF208

ASwarmII A "high security" Screenblanker commodity (will not burn-in the phosphor even when the CPU is really busy). Based loosely upon Jeff Buterworth's "xswarm" for X11 Windowing System, it shows from 1-10 "wasps" beeing chased by 1-500 "bees". Screen will blank entirely under periods of high CPU usage. Requires Amiga OS 2.04 or better, version 1.3, includes source. Author: Markus Illenseer FF798

At Your Request: Using the system-supplied requestors from AmigaBASIC. Author: John F. Weiderhirn AC3

ATAP Adobe Type Access Package allows users of Professional Page (Gold Disk, inc.) and compatible applications to use typefaces available from Adobe Systems or other vendors. Includes AFM and screen font converters, sample AFMs and screen fonts from the Macintosh, and a Macintosh/USA1 keymap. Includes source in C for AFM converter and font unpacker. Author: Gordon Fecyk FF680

ATbl A program for table formating, somehow inspired by the "tbl" utility on UNIX system. Can produce a printer output (with IBM semi-graphic characters) or a regular IFF file which can be read by any decent word-processing or desktop-publishing program. Both French and English documentation. V2.20, update to V1.00 on FF583, with a lot of bugs fixed and a few enhancements. Binary only Author: Denis Gounelle FF746, FF583

ATCopy A program to copy files from the Amiga side of a system equipped with a PC/AT bridgeboard to the PC side using wildcards. Copies directly through the shared memory. Supports CLI and WorkBench usage. This is an an update to version 2.2 on disk 458. Now includes an AREXX port. Share- ware binary only. Author: Peter Vorwerk FF610, FF510, FF458, FF429, FF406

ATerm V7.2 Term prog. includes Super Kermit. AM17, AM1

AtMovies Another of Eric's cute animations, this one starring his cartoon creation Amy the Squirrel and her boyfriend in some hijinks at the movies. Author: Eric Schwartz FF418

ATOF A small utility that allows you to use the fonts of another disk without using the CLI. Version 1.0, binary only. Author: Roger Fischlin FF245

ATPatch A program which reportedly will patch the Amiga Transformer for operation under Workbench 1.2 (I don't have one so I couldn't test it). Includes source. Author: Philip Staub FF61

Atree A disk utility which imitates similar utilities widely available on IBM compatibles (PC Tools, Xtree, QuickDos, etc). The intent is to allow the user a graphic representation of the entire directory structure on a disk device, including the files in each directory, and the capability of moving quickly through the tree to a directory to access its files. Version 1.7, binary only. By: Don Schmidt FF289

ATS 'AfterTitleS', this program will scroll a large iff picture up the screen, for the purpose of creating video credits or other effects as you see fit. Version 1.0, includes source. Author: Jakob Gårdsted FF904

Attacks A two player strategy game played on a seven by seven grid modeled after the arcade game called Ataxx. The moves and rules are very simple but the strategy is complex. Includes source in Modula-2. Author: Scott Biggs FF632

AudioIllusion: Experience an amazing audio illusion generated on the Amiga in Benchmark Modula-2. Author: Craig Zupke AC11

AudioScope AudioScope is a realtime audio spectrum analyzer for the Amiga. Use AudioScope to examine the frequency spectrum of any audio signal received through the PerfectSound 3 audio digitizer. Due to the heavy computational load, an accelerated Amiga is recommended. Binary only. Author: Richard Horne FF543

AudioTools Demo programs from Rob Peck's article in the July/August issue of Amiga World on accessing the audio device This is version 2, an update to the release on FF84. Includes source. Author: Rob Peck FF94, FF84

AUSH A command line interpreter for the Amiga. Features include file name completion, pattern expansion, expression computa- tion, command history, for...done loops, full support of Ami- gaDOS 2.0, and much more. Almost fully compatible with ARP and Commodore shells. This is version 1.52, an update from version 1.42 on disk 706. Binary only. Author: Denis Gounelle FF747, FF706

AutoActivate A commodity which activates the window under the mouse- pointer when pressing any key. Requires AmigaOS 2.0. This is version 1.08. Includes german version and source in C. Author: Stefan Sticht FF497

AutoAddRAM Allows you to add several non-autoconfig memory boards at once, optionally specifying priority and memory chunk name. This is version 2.03, binary only. Author: Jonathan Potter FF412

AutoCentre A utility for AmigaDOS 2.0 that will automatically center any new screens that are opened. This is especially useful when you have an overscanned WorkBench screen under 2.0 but find that a lot of applications still open on a 640 wide screen that is aligned with the left edge of the screen. With this program these screens will be centered as they are opened. Version 1.2 binary only. Author: Colin Bell FF557

AutoCLI A 'PopCLI' type replacement that works with WorkBench 2.0 and fully compatible with A3000 & accelerator boards. Always retains the default path and stack, and current directory. Can automatically open CLI/SHELL windows to 1 pixel less than the current screen size on opening. New functions include spline patterning on blanking, toggle freeze mouse, more function keys, mouse activated screen shuffle, close gadgets on Shell windows, and more as many users have requested. This is version 2.19, an update to version 2.17 on disk 617. Binary only. Author: Nic Wilson FF642, FF617, FF571, FF567, FF553, FF501, FF424, FF399

AutoEnquirer An example of a screen contraption that is like a requester except that it's not quite as demanding, goes where you want to put it, and remembers where it was put. Includes source and Manx'ified version of Chris Gray's fractalish terrain generator as a demo. Author: Howard Hull FF89

AutoFacc Autofacc automatically shrinks the ASDG FACC window and moves it to the back. Also allows the number of buffers to be increased or decreased. Most useful from the Startup-Sequence file while booting. Binary. By: Andry Rachmat FF81

AutoGraf Collects and graphically displays information on auto mileage. Features miles per gallon cost per mile miles driven highs lows averages etc. Includes a couple of sample data files. This is version 2.0 an update to version 1.0 on disk 166. Binary only. Author: Joel Swank FF606, FF166

AutoIconOpen Example code to fool WorkBench into thinking it is receiving mouse inputs that select and open icons. This is version 1.2, an update to the version on FF73. Includes source. Author: Tony Wills FF87, FF73

Automat Cellular automata simulation. AmigaBASIC Program. AM3

Automata Automata is an extremely versatile, cellular automaton simulation. Virtually every aspect of the simulation can be altered, saved, and later recalled. Also supplies many powerful editing functions (such as patterns, rotations, reflections, etc) for creating and modifying cell configur- ations. Additional features include editable icons, an immense variety of rules from which to choose, "music" which changes as the cell configuration changes and methods to speed execution from 3 to 60 (or more) generations per second. Binary only. Author: Jerry Mack FF489

Automata Four cellular automata programs. AutomaTron is a one dimensional cellular automation, Crud is a automation based on a sum index rule, Demon is a cyclic space automation described in the Aug 89 Scientific American, and Life is one of the oldest and best known of all cellular automata. Includes source. Author: Gary Teachout FF249

AutoPoint Autopoint serves two functions: It automatically selects the window underneath the mouse pointer and it provides a very nice screen saver facility. Binary. By Jude Katsch FF86

AutoPort A software switch that makes it possible to use a trackball or mouse plugged into the first mouseport together with another trackball or mouse in the second port as if they were two input devices plugged into the same first port. Version 1.1 includes source. Author: Bernd (Koessi) Koesling FF609

AutoRequester example. AM14

AutoRev A little utility to make it easy to update program-headers ran from the CLI. Requires AmigaDos 2.0. This is Version 1.1r. Source included. Author: Jan van den Baard FF502

autorqstr.txt Warnings of deadlocks with auto requesters. C program. AM4

AutoRunner Automatically executes a CLI command line when you insert a disk into a drive. All you do is put a special tag at the beginning of a comment in the disk's root directory. After the comment tag, you put a normal CLI comand line. AutoRunner then executes this command when the disk is inserted. Version 2.0, Pascal source included. Author: Jonathan Maxwell FF744

AutoSave A small program which calls an ARexx script at regular intervals, controlled through a Workbench window. Although intended to provide an "AutoSave" function for applications, the script can do anything. Includes C source, which demonstrates simple use of GadTools and the timer device. Requires Kickstart 2.0 or later. Author: Michael Warner FF771

AuxHandler Example of a DOS handler that allows use of a CLI via the serial port. Includes source. Author: Steve Drew FF79

AvailMem A small free memory counter that continuously displays the amount of (and size of the largest block of) free chip, fast, and total memory in bytes (as opposed to K). This is version 1.12, a Workbench 2.0-compatible upgrade to version 1.03 on disk 285. Includes source. Author: Dave Schreiber FF496, FF285

Avi An Amiga work-alike version of the UNIX vi editor. Though not especially recommended for beginners, designed for those of you who may have the vi commands permanently hard-coded into your fingertips! V1.0, binary only. By: Peter Nestor FF162

AVLSort A text file sort program, based on a general purpose AVL package by Mark Mallett (included). Handles as many lines as will fit in memory. Includes source. Author: Robert Pyron, Mark Mallett FF519

AvlTrees Library and test program that implement routines for creating and using balanced binary trees (AVL trees) held entirely in memory. Includes source. Author: Paul Vixie FF103

AWP This program animates any wait pointer like the one in WorkBench 2.0. It installs a vertical blank interrupt to minimise CPU usage and is written 100% in assembler for maximum efficiency. It uses two hands for the clock, like it

should be, and has nine different user selectable speeds. Requires AmigaOS 2.0. Version 1.0, binary only. Author: Damian Cox FF544

Az A nice little text editor that is fast, simple to use, and very Amiga'izedlots of new features, bug fixes, and other improvements. Binary only. By: Jean-Michel Forgeas FF346, FF228

AZap A "new generation" binary editor, able to edit files, memory or devices like hard disks. It can open several windows at the same time, supports locale.library, and handles all OS3.0 file systems. This is version 2.04, an update to version 1.00 on disk number 759. Binary only. Author: Denis Gounelle FF875, FF759

AZComm Modified version of Comm 1.34 that contains Zmodem send, receive, and resume receive. Version 1.00, Binary only. Author: SS. Patel, based on Comm 1.34 by DJ James FF171

AzMake A work environment for Aztec C. You can compile, assemble, link, print, etc your programs by clicking a gadget. Typing in the Shell is out. Version 2.3, an update to version 1.1 on disk number 586. Binary only, shareware. Author: Christian Friedel FF860, FF586

AztecArp An Arp interface package fixed to work with Aztec 'C' version 5.0. This is version 1.9, an update to the version on disk 376, and includes a number of bug fixes and a couple of new features (such as vsprintf/vfprintf/ vprintf-like Arp routines and fixes for Kickstart 2.0). Includes source in 'C' and assembly language. Author: Olaf 'Olsen' Barthel FF436, FF376, FF353

AztecErr A Manx quickfix support program. If you use the quickfix option of AztecC version 5.xx, you can set CCEDIT to this program. It opens a window which displays all errors one after another. It also has an ARexx port and a gadtools user interface. This is version 1.25 an update to version 1.0 on disk 761. Removed some enforcer hits and is now font independent. Requires AmigaDOS 2.04 or higher. Freeware, binary only. Author: Hans-Peter Guenther FF827, FF761

Back 2 programs to assist users of Matt Dillon's Backup/ Restore program in making error-free VERIFIED backups onto floppy disks and useful as a trackdisk device example. With source. By: Stephen Vermeulen FF284

Back&Front Sends a window to the back or bring it to the front with defined actions. For example, bring a window in front by double-clicking in it and send it back with the middle mouse button. Any keyboard or mouse event can be trapped. Number of required actions can be changed (double-click vs tripleclick). Implemented as a commodity. Requires at least AmigaOS 2.04. Version 1.09, an update to version 1.03 on disk number 497. Includes german version and source in C. Author: Stefan Sticht FF865, FF497

Backcoupling A simulation of screen-camera-backcoupling. Generates a series of backcoupled pictures out of a start picture. You can change several parameters, such as sharpness, rotation angle and signal translation. Includes both German and English versions. Version 1.0, binary only. Author: Michael Gentner FF679

BackDrop Backdrop allows you to define a pattern which will then be displayed on the workbench screen in the normally empty area behind all the windows. Similar in concept to DropCloth, but this one does not require workbench to be loaded (and does not cohabit very well with workbench). Includes source. Author: Eddy Carroll FF216

BackDrops A friendly 2.x Prefs program for your Workbench that will allow you to keep a list of your favorite backdrops and have a new one appear each time your computer is rebooted. Requires NickPrefs or a similar program to display the backdrop. Version 1.00, binary only. Author: Ross MacGregor FF906

BackGammon A graphical Backgammon game done as an undergraduate A.I. course project. Version 1.0, includes source. Author: Robert Pfister FF120

BackGammon The computer version of the game. This is a tiny little game which runs on Workbench. Works on all Amigas, and OS versions from 1.2 to 3.1. Version 0.9, freeware, binary only. Author: Igor Druzovic and Daniel Amor FF849

Backgammon Another game in ABasiC by the author of Monopoly. Author: David Addison FF28

BackPac Demo version of a new backup program. Features include intuition interface, data compression, 907K written per floppy, full and incremental backups, full or selected restores, inclusion/exclusion patterns, user defined config files, multitasking friendly. Version 1.3, binary only. Author: Canadian Prototype Replicas FF447

BackUP A freely distributable, shareware hard drive backup program that features a custom Intuition interface, multi-floppy drive support, high-density drive support, incremental/full backups, on-the-fly compression using lh.library, optional verify, two types of backup logs, safe-backups and a restorable configuration. BackUP requires Workbench 2.x, 1MB RAM and lh.library V1 (supplied). Version 3.88 is an update to V3.77 on disk number 724, containing new features, some optimizations and a few bug fixes. Binary only. Author: Felix R. Jeske FF884, FF767, FF724

Backup A simple backup program that writes normal AmigaDOS disks as the backup destination. To recover files, you just copy from the backup disk. Requires manual decisions about what subdirectories to backup to what disks to make everything fit. Includes source. Author: Alan Kent FF98

Backup Backup and Restore allow you to backup any directory tree with optional compression, and later extract all or part of the tree. The protection, date, and file comment are saved with each file. This is version 2.06, an update to version 2.04 on disk 258. Includes source. Author: Matt Dillon FF434, FF258, FF168 & 169

Badger Reminder program for your startup-sequence. Badger will open a window and display any important events that are 'due'. Badger will not bother you if there is nothing to report. Events are entered via menu and prompts. This is version 2.05a, an update to version 2.01e on disk 432. Includes many new features such as event editing and automatic holiday notification. Shareware, binary only. Author: George Kerber FF543, FF432, FF365

BadLinks A utility which tests the links in newly written amigaguide documents. Rather than manually clicking on every button in your amigaguide document to ensure each will link up with a valid node, just run BadLinks. Will work on documents which reference nodes in other amigaguide documents too. Version 1.17, binary only. Author: Roger E. Nedel FF893

BaldricDemo Demo version of a commercial platform style game. Works with PAL or NTSC. Binary only. Author: Lindsay Whipp FF657

Ball Draws a ball, an AmigaBASIC Program. AM8

Balloon This animation with sound effects is Dave's entry to the 1989 BADGE Killer Demo Contest. Binary only. Author: Dave Schreiber FF272

balls Simulation of the 'kinetic thingy' with balls on strings where only the end balls move (quick, can YOU come up with a better description?). Anyway, cute. Author: Perry Kivolowitz FF1

BallyIII Amiga port of the former arcade game named Click. This version fixes some minor bugs and is faster than the previous versions. This is version III. Binary only, shareware. Author: Oliver Wagner FF232, FF221, FF205, FF181

BambooTiger BambooTiger in LoRes FF72

band One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

banjo Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Bankn A complete checkbook system offered by the author as shareware. Update to version on FF120. Version 1.5, binary only. Author: Hal Carter FF163, FF120, AM20

Banner A tiny utility to create - surprise, surprise - banners. By default BANNER uses an internal font that is ideal for title pages or sources headers. You may also render your banner from any amiga font with (nearly) unlimited font size and variable aspect. Version 1.4, binary only. Author: Tobias Ferber FF855

banner Prints horizontal banner (across screen). From Decus C distribution of several years ago. Author: Unknown FF4

BasicBoing An AmigaBASIC program which shows animation by page flipping. Precalculates all views of a rotating 3Dimensional cube and then cycles through them rapidly for animation Author: Arthur Blume FF43

BasicProgs Some more AmigaBASIC programs. LeastSquare solves least squares problems and graphs the results. Curves is a demo of one use for LeastSquare (find curves to fit a set of points). Freud is a Freudian analysis program. Includes source, needs AmigaBASIC from Extras. Author: George Trepal FF105

BASICSorts Examples of binary search and insertion sort in AmigaBASIC. AM22

BasicStrip An AmigaBASIC program that helps to convert programs written in other forms of Basic to AmigaBASIC. Author: George Trepal FF121

bass guitar Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Batch Files: Executing batch files from AmigaBASIC. Author: Mark Aydellotte AC4

Batchman A program that allows the user to execute CLI programs and batch files simply by clicking on a gadget. It can be used as the center of a turnkey system, where the user simply clicks on gadgets to launch applications. Version 1.1, includes source in Modula-II. By: Michal Todorovic FF325

BatchMaster A program that makes creation of interactive command scripts a lot easier. It works as commands ASK, IF and SKIP together, only better. You can have up to four options to skip to, and select them with a mouse, as BatchMaster has an Intuition interface. This is version 1.27. Requires arp.library. Binary only. Author: Janne Pelkonen FF521

BatchRequester A simple program which opens an Arp filerequester and writes the result to an environment variable. Very useful if used in batchfiles. Version 1.1, source code in Oberon. Author: Christoph Teuber FF436

BattleForce A nicely done shareware game, submitted by the author, that simulates combat between two or more giant, robot-like machines. This is version 3.61, an update to version 3.01 on disk 205. Binary only. Author: Ralph Reed FF273, FF205

BattleStar A fun text-based adventure game. It is reminiscent of Dungeon (aka Zork) and Adventure. You start out on a space ship under attack and must get off and back to the planet. Ported from UNIX, with very little "amiga-i-zation". Runs from the CLI only. Includes source. Author: David Riggle, Amiga port by David Ingebretsen FF876

Bawk Text processor inspired by the UNIX Bawk utility. This is an update to the copy released on FF 65. Bawk searches files for specific patterns and performs actions for every occurance of these patterns. The patterns can be regular expressions. The actions are expressed using a subset of the C language. With C source. By: Bob Brodt; Amiga port by Johan Widen FF92, FF65

BBase2View A Base-Viewer for Databases created with BBase2. Advantages are faster database processing, viewing and more. Includes a print option for single records. Requires Amiga OS2.0, version 1.00, binary only, shareware. Author: Michael Bialas FF766

bBaseIII An easy to use, versatile, yet full featured database program that will run on any Amiga. Search or sort on any field, print mailing labels, (un)delete records, mail merge, get reports in many formats, scramble files, flag records, and more. Fields are user-configurable, so bBase can be used to keep track of addresses, tape or video collections, recipe files, or anything else you can think of one program does it all! bBaseIII is a greatly enhanced successor to bBaseII. Version 1.3, an update to version 1.1 on disk number 760. Shareware, binary only. Author: Robert Bromley FF878, FF860, FF710, FF652, FF609, FF563, FF491

BBBBS Baud Bandit Bulletin Board System. Written entirely in ARexx using the commercial terminal program "BaudBandit". Features include up to 99 file libraries with extended filenotes, up to 99 fully threaded message conferences, number of users, files, messages, etc. are only limited by storage space, controlled file library and message conference access for users and sysops, interface to extra devices like CD-ROM and others, all treated as read only, complete Email with binary mail and multiple forwarding, user statistics including messages written, files uploaded or downloaded, time, etc, plus much more. Now includes a complete offline reader/answer called bbsQUICK.rexx. This is version 5.9, an update to version 5.7 on disk 761. Includes complete ARexx source. Author: Richard Lee Stockton FF883, FF771, FF745, FF729

BBBBS Baud Bandit Bulletin Board System. Written entirely in ARexx using the commercial BBBF The Bootblock.library/brainfile is an attempt to make life a little bit easier for programmers of anti-virus utilities, diskcopy programs, directory utilities, disk packers and for whoever who wants to check the bootblock of some device The library has some easy-to-use functions to read the brainfile, and to check a bootblock with it. Version 0.95 beta, brainfile recognizes 158 different viruses. Includes sample source. Author: Johan Eliasson, SHI member. FF797

BBChampion This is BootBlockChampionIII, a very nicely done program that allows you to load, save, and analyze any bootblock. V3.21. New features include checks for five different LAMER viruses. Binary only. By Roger Fischlin FF298, FF244,

BBFormat A floppy disk formatter for diskettes with hard errors. Bad media areas are mapped out so AmigaDOS will not use them. Presently not intuitionized, runs from CLI only. Version 5/7/91, includes source. Author: David Varley FF493

Bbm Demo of B.E.S.T. Software's Business Management System. A full implementation with file sizes reduced for demo purposes. by Business Electronics Software & Technology Inc. FF43

BBS A BBS for the Amiga (BBS-Amiga Version 1.1). Author: Ewan Grantham Author's suggested shareware donation: $25 FF30

BbsList A list of Bulletin Board Systems which support the Amiga. The list was compiled from a list on Delphi, Compuserve, bathroom walls, etc. Author: Dick Sheffold FF43

bbsQUICK An offline read/reply/upload/download module for BBBBS. Complete GUI with support for multiple BBBBS systems. Includes complete ARexx source. Author: Richard Lee Stockton FF883

BCBMusic This is the second set of original music in the BCBmusic series. This set includes the songs "Still Waiting", "Transpose", and "Trilogy". Like the first set (on disk 428), no player program is required since it is actually compiled in with the song. These new songs include a new equalizer-style graphic display which can be toggled on and off. WB2.0 compatible, binary only. Author: Brian C. Berg FF538, FF428

BCBMusic This is the third set of original music in the BCBmusic series. This set includes the songs "Reactance", "DreamScape", and "Transition". Like the first two releases (on disks 428 and 538), these songs are self-playing with no additional player programs required. WB2.0 compatible, binary only. Author: Brian C. Berg FF763

BCF FORTRAN-77 compiler, linker, and runtime support library. No Amiga specific hooks, just vanilla FORTRAN. ANSI compatible with extensions. Version 1.3c, binary only. Author: Andre Kostli FF470

BCount A utility to count files, directories, hardlinks, and softlinks for a given root directory. Requires Amiga OS 2.04. This is version 1.12, binary only. Author: Norbert Bazin FF716

Beach A great new animation from Eric Schwartz. In 'A Day at the Beach' Flip the Frog and Clarisse the Cat head out for a day at the beach where they run into MoonDoggie. Needs 3Mb or more of memory. Part 1 is on disk 617 & Part 2 is on disk 618. Author: Eric Schwartz FF617 & FF618

BeachBirds Jerrold Tunnell's entry to the Badge Killer Demo Contest. Uses sprites and sound to portray a beach scene. Runs on a 512K machine. Binary only. Author: Jerrold Tunnell FF112

BEAV 'Binary Editor And Viewer', is a full featured binary file editor. Just about any operation that you could want to do to a binary file is possible with BEAV. You can: Insert or delete in the middle of a file thereby changing it's size; Edit multiple files in multiple windows and cut and paste between them; Display and edit data in hex, octal, decimal, binary, ascii, or ebcdic formats; Display data in byte, word, or long word formats in either Intel or Motorola byte ordering; Send the formatted display mode to a file or printer. The display and keyboard handling functions for BEAV are based on microemacs. Version 1.40, portable, and includes source and makefiles for several other systems. Author: Peter Reilley, Amiga port by Simon J Raybould FF862

BeBopDemo A demonstration version of the commercial game BeBop 'N Drop. BeBop 'N Drop is a real-time graphical arcade puzzle game, a greatly enhanced version

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Last Minute Additions

of the popular shareware game Obsess- O-Matic. The object is to fit the falling pieces together in such a way as to form complete horizontal rows, which will then disappear off of the board. BeBop 'N Drop contains 77 different levels of play, each with a different shape board. The game contains over 800 different playing pieces, more than 450K of digitized sound, and many interesting visual effects. Binary only. Author: Wayne Phillips FF550

beep Source for a function that generates a beep sound, like CTRL-G on a VT100 terminal. Author: Samuel Dicker @ Commodore-Amiga FF14

bells Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Berserk This animation, unveiled at the September 87 meeting of the First Amiga Users Group, got Leo a standing ovation. It is a 'must see' for every Amiga user, and ranks up there with 'Juggler' as a premier demo for the Amiga. The difference between this distribution, and the one on disk 100, is that this one includes 'source'. I.E. it contains all the object descriptions necessary to recreate the animation. Thus you can, if you like, try modifying various objects to create slightly different animations, or use it as an example for creating your own animations. Seldom does a disk get devoted to a single program, however animation is one of the Amiga's greatest strengths, and I felt it was appropriate to have at least one animation that was available at the 'source code' level. Author: Leo Schwab FF132, FF100

Berserker Detects and eliminates viruses. Knows all 'popular' viruses and their kin, including the new 'Centurion' and 'Traveling Jack' link viruses. Comes with a resident handler which continually checks memory to prevent virus infection and a utility to fix programs corrupted by the 'Centurion' and 'Traveling Jack' viruses. Version 5.02, an update to the version on disk 355. Contains partial source in assembly. Author: Ralf Thanner FF436, FF355, FF280

Bertrand A graphics demo. AM8

Better String Gadgets: How to tap the power of string gadgets in C. Author: John Bushakra AC4

Bezier Simple programs to allow you to fool around with Bezier curves, using the mouse to move the points that define the curve and a prop gadget to change the granularity of the curve generation loop. Includes source. Author: Matt Dillon FF75

BFormat Formats disks that have media (or hard) errors on them and allocates them as used, making the rest of the disk usable. Similar to BBformat on disk number 493, but apparently independantly authored. Supports FFS, OFS and most devices, including hard-drives. Version 4.0, includes source. Author: T.A.Nery, R.W.Bowers, Bob Bush FF758

bgrep Another grep like utility, also using the Boyer-Moore algorithm. Author: Roy Mongiovi and Arnold Robbins FF4

BI A brush to C code image converter. This is version 1.3, an update to version 1.0 on disk number 184. Contains bug fixes and support for AmigaBasic. Binary only. Author: Terry Gintz FF375, FF184

BICS Boot Intro Construction Set is a tool to create a small intro on the bootblock which will appear if you insert the disk for booting. This is version 1.10 a fully rewritten update to BootIntro on disks 244 and 245. Binary only. Author: Roger Fischlin FF630

BigBrother A virus infection detection program with some optional utilities. It runs as a normal task and checks every 1 second the important memory locations in the Amiga. As a bonus, BigBrother is capable of starting a new shell, starting script files, viewing and installing bootblocks. All this in a program less than 10K. Includes assembly source. Author: Erwin van Breemen FF473

Bigmap Program which demonstrates how to use the low-level graphics calls, ScrollVPort especially. Demonstrates scrolling around inside a very big bitmap. Author: Leo Schwab FF33

BIGMec A shareware utility that displays the current available amount of memory, the memory available when BIGMec was started and the difference between those. The amounts can be displayed in HEX/ DEC and BYTE/ KILO/MEGA. BIGMec can be started from Workbench as well as from CLI. Version 1.0, binary only. Author: Sandi Tomsic FF797

BigView Displays any IFF picture, independent of the physical display size, using hardware scroll. Default display size is 320 by 200 in lo-res; HIRES or LACE attributes added if user width/height exceeds low resolution boundaries. Includes source. Author: John Hodgson FF58

Bind A binding (glue) library builder. Takes a standard '.fd' (function definition) file and generates a binding library for the functions defined in the '.fd' file. Version 1.2, an update to the version released with midilib on disk 227. Binary only. Author: Bill Barton FF309

BindNames A solution to the problem of having to continually edit your startup-sequence to add assignments for logical variables when you add a new program. BindNames will read one or more files in a special directory and then create all the logical assignments at once and it can figure out dependencies, so it doesn't matter how you order the entries in the file(s). It will create directories that it can't find, such as RAM:Env and RAM:T and will generate warnings for assignments that it can't resolve. Version 1.0, includes source, public domain. Author: Dave Haynie FF784

BinToHunk A utility to convert a raw data file (text bitmapped image etc.) into an Amiga Hunk format object file that can be linked using Blink. This is version 1.0 includes source. Author: Ray Burr FF579

Bio-feedback/Lie detector Device: Build your own lie detector device. Author John Iovine. AC9

BioComp A program that computes the biorhythmic compatibility of two persons. Uses an intuition interface and allows the printing of the results. Version 1.13, binary only. Author: Gérard Cornu FF741

BioRhythm An intuition based easy-to-use program that shows your 3 basic BioRhythms plus the average-'rhythm'. Take a look, dump it to your printer and make your plans for 'when to do what'. This is version 2.2, an update to version 1.0 on disk 759. This version has some new features and is 400% faster. Binary only, PAL version. C-Source available from author on request. Author: Thomas Arnfeldt FF862, FF759

Bison A replacement for UNIX 'yacc' command. This is from the GNU (GNU is Not UNIX) effort. Contains updates to the version on FF136, submitted by two separate sources. Includes source. Author: Bob Corbett and Richard Stallman, updates by William Loftus and Scott Henry FF155, FF105, FF136, FF51, FF4

BizCalc A do-it-all user friendly loan calculator that calculates weekly and biweekly loans. Can generate amortization tables to the screen, to the printer, or to a file. Uses menus, bottons, or keyboard commands, and iconifies. Has six decimal precision option and more. This is version 1.2, an update to version 1.1 on disk 493. Binary only. Author: Michel Laliberte FF535, FF493

BlackBook Keeps track of those important phone numbers and addresses. Shareware, author suggests $30 donation. Author: Craig Nelson FF70

BlackBox The black box is an 8x8 grid in which several 'atoms' are hidden. Your job is to find the atoms. You have at your disposal a ray projector which you can use to send rays into the box from any of the 32 spots around the box. Binary only. Author: Tim Kemp FF178

BlackHole A file deletion utility for v2.04 and greater of the operating system. When run, it puts an appicon on the Workbench screen. Any file/drawer icons that are dropped on it will be deleted. Double clicking on the appicon brings up an options window. Version 1.1, includes source. Author: Alan Singfield FF662

BlackHole A little utility that acts like a 'super-trashcan' and adds an appicon to the Workbench backdrop window. As such BlackHole requires AmigaDOS 2.0. You can drag file or drawer icons onto the Black Hole and you will then be asked if you really want to delete the items. Version 1.0 binary only. Author: Parsec Soft Systems FF586

BlackJack A blackjack simulation program with the ability to simulate nearly any casino blackjack game in the world. Allows the use of the most popular playing strategies and modifications to them. Has color coded strategy tables to enhance the learning of the strategy. Tracks basic statistics such as number of hands played, bankroll limits, casino profitability and others. Allows from 1 to 7 players, including the computer. Has online help, a demo mode, and a special practice mode. Version 1.01, shareware, binary only. Author: Dan Cogliano FF427

BlackJack A line oriented (no graphics) blackjack game. Author: Unknown FF19

Blanker An attempt to provide the Amiga community with a futurecompatible, easily expandable screen blanker. Provides a a platform for others to write custom screen blanker modules and not have to worry about the difficulties associated with setting up a Commodities interface and dealing with concurrency problems. Version 2.3, includes source and several sample blanker modules. Author: Michael D. Bayne FF875

Blankette VERY tiny screen blanker/dimmer. Very nice on your system, very little CPU time, compatible with just about everything. Dims screen rather than going black. Includes assembler source. Author: Max Bithead FF475

Blink A linker written as a replacement for Alink. Fully Alink compatible and supports many additional options not found in Alink. Also is much faster than Alink and produces smaller executable files. Version 6.5. Author: Combined efforts of the Software Distillery FF40, FF34, AM12

Blit This animation is Richard's entry to the 1989 BADGE Killer Demo Contest. An interesting feature of this animation is that it uses the Copper to show the lower right corner of the screen in Hi-Res, while leaving the rest of the screen in Lo-Res. Binary only. Author: Richard Addison FF276

BlitDemons This program implements the Demons cellular automaton as described in the August, 1989, issue of Scientific American. Using extremely simple rules it exhibits rather complex behaviour. Uses the blitter to perform over 350,000 cell- generations per second. Version 1.0, includes source. Author: Walter Strickler FF256

BlitLab Blitlab is a program which lets you experiment with the blitter, to your hearts content, in relative safety. It opens a workbench window with gadgets for all the registers of the blitter, and allows you to manipulate individual registers and perform blits on a magnified bitmap. V 1.4, an update to FF84. Includes source. Author: Tomas Rokicki FF191, FF84, FF69, AM20

Blitt A graphic utility to help blitter-programmers with Minterms. Reads a standard IFF picture for experimentation and writes out any results if required. Version 1, binary only. Author: Paul Juhasz FF761

BlitterSand An interesting cellular automata program that gets its roots from a 'sandpile'. Intriguing to watch. Includes assembly source. Author: Mike Creutz FF387

Blitz Basic: Here are some examples created with M.A.S.T.'s integrated BASIC environment. Author: Paul Castonguay AC13

Blitz Blitz is a small program that is designed to be loaded into memory and that sits in the background until activated by its hot key. It allows you to view a text file, much like a TYPE command, only that it lets you move forwards and backwards through the file. Its screen updates are blitz'n. Binary only. By: Hayes Haugen FF60

BlitzFonts Blitzfonts makes text output up to 6 times faster, transparently to well behaved programs. It is also very small and written 100% in assembly for maximum speed. Binary only Author: Hayes Haugen FF60

Blk A requester making tool employing various recursive algorithms including a recursive parser. It takes input text files and converts them to C-source for including as requester declarations. Update to FF152, with many enhancements. Includes source. Author: Stuart Ferguson FF191, FF152

Blob Another screen hack. Makes red drops of slime flow down your screen. Version 1.1, includes source in C. Author: Guido Wegener FF358

Blobs A simple graphics program, reminiscent of the UNIX 'worms' program, but in color of course. By: Peter Engelbrite FF15

Blocks2 Amusing and colorful display of a moving trail of 'blocks'. Update to version on FF71, however this version also includes source. Author: Gary Walker FF156, FF71, AM1

bm A grep like utility using the Boyer-Moore algorithm. Author: Peter Bain FF4

BMake A GNU Make subset. Includes pattern rules, conditionals, 'include', function calls, etc. This is Version 1.4, with source. Author: Ben Eng FF523

BMAP Reader by Tim Jones. AM14

BMon System monitor AmigaBASIC program; perform simple manipulations of memory. AM24

BMP plays 8SVX sampled sounds in the background while something else is happening in the Amiga, as your Amiga is booting, for example. AM26

BNTools Three examples of assembly language code from Bryce Nesbitt: AM24

BobEd BOB and sprite editor written in C. In C source code, executable program and documentation. AM20

bobtest.c BOB programming example. C program. AM5, AM4

Boing! Boing! demo,with selectable speed. Executable program. AM9

BoingDemo Demo version of a neat game due for release in March 1990. It is fully functional but the play time is limited to five minutes per play. Version 0.30, binary only. Author: Kevin Kelm, Alternate Realities FF335

BoingMachine A ray-traced animation of a perpetual motion Boing-making machine, includes the latest version of the Movie program, which has the ability to play sounds along with the animation. By Ken Offer. AM24

BoingThrows A 50 frame HAM animation done with Sculpt-3D, and minor touchups with DigiPaint. The animation took about 325 hours of runtime to generate. Author: Marvin Landis FF134

boink Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Bomber Amiga version of the MacIntosh game called 'Bombs'. This is version 1.2. Requires OS 2.0. Includes source. Author: Michael Balzer FF566

BonAppetit Bon Appetit is a recipe database manager that automates recipe collections and allows for far more flexibility than regular index cards. You can search for recipes by title, keyword, or ingredient. You can import recipes in BonAppetit's own format or 3 popular MS-DOS formats, so you can quickly build a recipe collection. Includes complete recipe utilities and 24 recipes to get you started. Version 1.3. New features include recipe browsing, mass export, less cryptic error messages, and many bug fixes. Shareware, binary only. Author: Boris Shor FF686

BootBack A handy little utility to copy and save the boot block from a disk, then later restore it should the disk get stomped on by some ugly virus. Includes source. Author: David Joiner FF157

BootBase Another bootblock save/restore utility. Includes an auto-compare function. Includes source. Author: Steven Lagerweij FF363

BootBlocks Detailed documentation on what a bootblock is and how it works, along with some sample bootblocks and a program to install a custom bootblock. Includes source for the sample bootblocks and the install program. By: Jonathan Potter FF242

BootCACHE Utility to turn off the 68020/68030 instruction and data caches upon rebooting. This improves chances of old programs (especially games) working on Amigas with one of these processors (e.g. the A3000). Version 1.0, includes source in assembly. Author: Nico Francois FF418

BootGames Two tiny games which fit on the bootblocks of a boot disk. BootOut is a Breakout style game and Squash is a squash type game (just like on those old TV games). BootOut V5.X and Squash V4.3. Includes assembly source. Author: Paul Hayter FF537

BootGen This program creates a bootmenu. You simply enter the name of ten programs and the program will do the rest. When you boot the disk a menu will appear where you can choose one of ten program names, which automatically will be loaded. Version 3.4, binary only. Author: Frank Enderle FF533

BootIntro This program creates a small intro on the bootblock of any disk, which will appear after you insert the disk for booting. This is the 'next generation' BootIntro, a more colorful version than the one on disk 244, but the text must be shorter. The first line can be up to 24 characters. The second and third lines can be up to 22 characters. The scrolling text can be up to 98 characters. This is 'next generation version 1.1'. Binary only. Author: Roger Fischlin FF245, FF244, FF188

BootJob The BootBlock Utility. Includes functions to store, install, view, or execute any disk bootblock. Also self-made bootblocks can be installed to disk. The most powerful function is to save any bootblock as an executable CLI-File. Now you can start every boot-util, viruschecker, game, or loader from the CLI. Also included is a drawer with 46 different bootblocks. BootJob requires Amiga OS2.x. This is version 1.30, an update to version 1.00 on disk 760. Shareware, binary only. Author: Michael Bialas

FF814, FF760

BootLogo Designed for machines displaying a white screen during boottime. Displays a nice picture that automatically terminates as soon as the first window is opened during the boot process. Requires AmigaDOS 2.0 or higher. Version 1.0, binary only. Author: Markus Illenseer FF754

BootPic BootPic allows you to install nearly any IFF picture that you like in place of the WorkBench hand that appears after a reset, and additionally plays a MED-Module. Version 2.1b, an update to version 2.0 on disk 635. Includes source in assembly. Author: Andreas Ackermann FF718, FF635, FF609, FF532, FF484

BootX An easy to use boot, file and link virus killer. For use with KickStart 2.0 only. Has lots of options to detect and kill Amiga viruses, extensive manual, locale support and AmigaGuide online help. This is version 5.00, an update to version 4.45 on disk 641. Binary only. Author: Peter Stuer FF703, FF641, FF560, FF542, FF420

Bounce This program is Steve and Tom's entry for the Badge Killer Demo Contest. It creates little dots that bounce around and multiply. With source. By: Steve Hansel and Tom Hansel FF127

bounce One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

Bouncer A 3D simulation of a bouncing ball written in Creative Solutions' Multi-Forth, with source included. By: Jon Bryan FF67

Bowl This is Vern's entry for the 1988 Badge Killer Demo Contest. It is a Sculpt-Animate animation that shows three colored balls flying in circles above a mirrored bowl. Rendering the animation took about 2 weeks. Distributed in zoo format because of its size (zoo program included for easy unpacking). By: Vern Staats FF209

box One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

BPDI Demo version of a new strategy game written in GFA-BASIC. German version only. Binary only. Author: Dirk Hasse FF411

Brain A small multitasking game which is made for entertainment during compiling/linking. Your task is to create a formation of numbers from 1 to 4 given randomly by the computer. If you click on an empty plot, a '1' will appear and all neighbours will raise their numbers by one. Version 1.01, includes source. Author: André Wichmann FF652

BreakOut A 3D game. Requires 3D glasses. By Tim Kemp FF50

Bref A cross reference program for AmigaBASIC code. Generates a list of the BASIC code with lines sequentially numbered, plus a table showing all variables and labels used in the code, and the line numbers where they were used. This is version 2.0, an update to version 1.0 on disk 283. This is a major revision, including a new intuition interface. Includes source. Author: Dick Taylor FF494, FF283

Breshehan A Forth program which produces a Breshehan circle algorithm example. AM11

BrickOut Classic computer brick wall game, ABasiC program. AM1

brickout One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

Bridging The 3.5' Chasm: Making Amiga 3.5' drives compatible with IBM 3.5' drives. Author: Karl D. Belsom. AC9

Brik A general purpose program that calculates both text and binary cyclic redundancy codes (CRCs). Text mode CRCs calculated by brik are portable across systems for files that are in the usual text format on each system. Binary mode CRCs are portable for files that are moved from system to system without any change. Brik can be used to verify and update an embedded checksum header in files. It runs under MS-DOS, UNIX system V, BSD UNIX, VAX/VMS, and AmigaDOS. This is version 2.0 and includes source. Author: Rahul Dhesi FF233

Brownian A demo based on both fractal theory and brownian motion. Includes source. Author: John M. Olsen FF206

Browse View text files on a disk, using menus in source code and executable, a C program. AM8

Browser A 'Programmer's Workbench'. Allows you to easily and conveniently move, copy, rename, and delete files & directories from a CLI environment. Also provides a method to execute either Workbench or CLI programs by double-clicking them or by selecting them from a ParM like Menu with lots of arguments. A Browser 1.6 replacement, does everything Browser 1.6 does and a lot more. Version 1.0, includes source in C. Author: Sylvain Rougier, Pierre Carrette FF540, FF476, FF180, FF134

Browser A program that lets you wander around a file tree and peek into files, all with the mouse. Author: Mike (I'll be mellow when I'm dead) Meyer FF18

Browser Another version of the browser program released on disks number 18 and number 34. Includes some bug fixes and enhancements. Includes source. Author: Mike Meyer, enhancements by Mark Schretlen FF59

Browser Updated version of the browser program released on FF18. This one has been 'manxified', has scroll bars, and several bugs fixed. Author: Mike Meyer, enhancements and fixes by Bob Leivian FF34

Browser2 This browser type program is apparently not based on the original Mike Meyer version. Binary only. By Dan Green FF59

BrowserII A 'Programmer's Workbench'. Allows you to easily and conveniently move, copy, rename, and delete files & directories using the mouse. Also provides a method to execute either Workbench or CLI programs by double-clicking them or by selecting them from a ParM like Menu with lots of arguments. Uses whatis.library to detect file types and executes commands based on these. Version 2.13 for AmigaDOS 1.3 and 2.31 for AmigaDOS 2.0 (localized). Update to version 2.04 on disk 649. Binary only. Author: Sylvain Rougier and Pierre Carrette FF843, FF649

Bru Alpha 1 version of a hard disk and/or file archiver written for UNIX. This is a vanilla port, with very little Amiga smarts, but it is usable. Last freely redistributable version. By Fred Fish FF48

Brunjes Various tools submitted together by the author. StringPkg is string package for both Forth style and NUL terminated strings. Date&Time are handy tools for getting and printing formatted date and time. Utils are utilities used by the other files. CursorControl is an example of moving the text cursor. SpaceOrEscape is a handy word for pausing or stopping program output. Includes source code. Author: Roy Brunjes FF239

Brush2C Brush2C converts an IFF brush to C data instructions, initialization code. Executable program. AM9

Brush2Icon Brush2Icon converts an IFF brush to an icon. Executable program. AM9

Brushes Contains 53 custom brushes for use in DPaint while drawing schematics. Includes things like resistors, capacitors, gates, transistors, IC pacs, etc. Author: Jim Lee FF81

BrushIcon Converts brushes to icons (bizarr docs). AM25

brushtoBOB Converts small IFF brushes to AmigaBASIC BOB OBJECTS, an AmigaBASIC program. AM11

Brush_4D Converts IFF images into Sculpt 4D object format. Works with any IFF image, including HAM & Extra Halfbrite. Convert brushes in full color, with optional wrap, to 3D shapes. Also includes optimization routine. Version 1.00, shareware, binary only. Author: Bruce Thomson FF361

bsearch.asm Binary search code. Assembler program. AM2

bsh A powerful advanced shell and interpretive programming language. Runs on AmigaDOS 1.2 AmigaDOS 2.1. Major features include command history, command line editing, command substitution, redirection and piping, redirection of standard error file, concurrent piping for external commands, here documents, aliases, file name completion using wildcards ('*', '?'), pattern permutations, variables, array variables, local and environment variables, variable exporting, C-like expression evaluation, conditionals, looping, more than 50 builtin commands, more than 40 builtin functions, script programming, workbench startup via newbsh, directory aliases, shell window manipulation and command search by CLI path, by bsh path variable, command hashing and resident command loading. Version 0.98, shareware, binary only. Author: Gary Brant FF811

BSplines Simple program to fool around with B-SPLINES, ala Bezier programs. Includes source. By Matt Dillon FF75

Bspread: A powerful spread sheet program written in AmigaBASIC. Author Brian Cately AC1

BTE Bard's Tale character editor. Executable program and documentaion. AM19

BTNtape A 'Better Than Nothing' SCSI tape device handler. Provides flat file access to a SCSI tape drive from application programs using simple DOS calls to Read() and Write(). It can also be used with the Amiga TAR utility for disk backups. Requires a 'SCSI-direct' compatible SCSI bus adapter. This is version 2.1 an update to version 2.0 on disk 471. It fixes a number of bugs and includes some new features such as appending files to existing tapes. Includes source. Author: Robert Rethemeyer FF558, FF471, FF392

Btree Routines to implement a B-tree algorithm and several accompanying tests, apparently derived from the single file version also included on this disk under 'Btree2'. Still buggy, but looks useful with a little work. Author: Richard Hellier, posted to usenet by Steve Jefferson FF34

Btree2 Previous (original) version of btree routines. Author: Richard Hellier FF34

Budget A program to help with managing personal finances. This is version 1.3.4 an update to version 1.3.3 on disk 546. New features include search selection replace and printer output. Binary only. Author: Le Lay Serge Camille FF576, FF546, FF452, FF416

Budget93 Ernie's Budget program for maintaining checking, credit card accounts and personal budgets. Journal input accounting for each checking and card account. Automatic distribution of journal entries into account categories. Reports by month for journal and account categories. Example journals included. Version 10.00, binary only, shareware. Author: Ernie Nelson FF884

Bugs Another gag-program. Be careful! It may distroy graphics, but nothing else! Can be stopped by pressing the firebutton of a joystick in port 1. Includes source in Modula II. Author: Robert Brandner FF549

Bugs Text of known bug list in Lattice C 3.02. AM1

Bully Mike Meyer's entry for the Badge Killer Demo Contest. Pushes all open screens around (thus the name 'bully'). Designed for showing off more than one demo at a time Includes source. Author: Mike Meyer FF112

Bump A little tool that makes it easy to keep the version string in your source code up-to-date. Version 1.0, includes source. Author: Jan van den Baard FF658

BumpRev Implements easy creation of source code revision headers, similar to the log headers to be found at the top of the Amiga 'C' include files. Is a rewritten version of the DoRevision program from disk 325. This version can be used for assembler source files as well as C source files. This is version 1.0, includes source. Author: Torsten Jürgeleit FF653

Burf A BackUp ReFresher written in Rexx. Designed to maintain backups of important directories between full volume backups. Copies only new and modified files, using either archive flags or date comparison. Can optionally delete from the backup any files and subdirectories not found in the original. This is version 1.00. Author: Michael Tanzer FF652

ButExchange An input handler to help left handed Amiga users. It reverses the function of the mouse buttons, so that the left button becomes the right and vice versa. Very small, uses only 168 bytes of memory. This is version 1.1, an update to version 1.0 on disk 483. Includes source in assembler. Author: Preben Nielsen FF494, FF483

ButlerJames A database program designed primarily for address management, but can be used for other purposes as well. Hotkey activated, allows you send selected groups of data directly to the keyboard input stream or printer. Very useful to avoid having to continuously enter an often used address into your favorite word processor for example. Compatible with OS 1.2/1.3/2.0 Binary only. Author: Christoph Zens FF856

C Itoh Prowriter Printer driver for the C Itoh Prowriter. AM9

C Notes 6.2: A reminder program to display messages. Author: Stephen Kemp AC13

C Notes 6.3: Working with functions. Author: Stephen Kemp AC13

C Notes From The C Group: A discussion on cryptography. Author: Stephen Kemp AC12

C Notes From the C Group 5.8 & 5.10: Functions supporting doubly linked lists, and a program that wil examine an archive file and remove any files that have been extracted. Author: Stephen Kemp AC11

C Notes From the C Group: Doubly linked lists revisited. Author: Stephen Kemp AC10

C Notes From the C Group: Writing functions that accept a variable number of arguments. Author: Stephen Kemp AC8

C Notes V4.9: Look at a simple utility program in C. Author: Steven Kemp AC5

C Notes: Doing linked list and doubly linked lists in C. Author: Stephen Kemp AC10

C Notes:A A small program to search a file for a specific string in C. Author: Steven Kemp AC4

C Notes:B The beginning of a utility program in C. By Steven Kemp AC4

C Notes:C Recursive functions in C. Author: Stephen Kemp. AC7

C Notes:D A look at two data compressing techniques in C. Author: Stephen Kemp. AC7

C Squared Graphics program from Scientific American, Sept 86. In C source code and executable. Documentation included. AM14

C-Functions A group of four little C-functions to add to your library to make your programming life a little easier. Includes source and a small demo program showing some of the results. Author: Lars Thuring FF164

C-kermit Port of the popular 'kermit' program, a flexible virtual terminal and file transfer program from Columbia University. Author: Unknown, ported to Amiga by Davide Cervone FF26

C-Light A demonstration copy of a commercial ray tracing program, which is identical to the commercial version except that it has been limited to ten objects per scene. Binary only. Author: Ronald Peterson FF146

C64Emul An April Fools spoof. Turns your Amiga into a C64, or at least makes it look that way. With source. By Eddy Carroll FF216

CacheCard An accessory to SetCPU for use with A2620 cards or 68030 systems. It modifies the MMU table set up by SetCPU to selectively control caching for each expansion card. It's also an example of how an accessory program can track down and modify the SetCPU MMU table without having to read all kinds of MMU registers and figure it out for yourself. Version 1.00, includes source. Author: Dave Haynie FF233

CacheDisk Improves floppy disk throughput by caching entire tracks of data. Buffers disk reads and writes for maximum speed gain and has a user setable number of buffers for each drive. Version 1.0, binary only. Author: Terry Fisher FF462

CAD An object-oriented drawing program, version 1.2.4. Uses a small set of graphics primitives (like 'line', 'box', and 'text') and a small set of editing functions (like 'move', 'size', and 'rotate'). While drawing and editing, the user can call on other functions to modify the display; to zoom in, slide around, superimpose a grid, etc. Shareware, binary only. Author: Tim Mooney FF74, FF59

CAI: A complete Computer Aided Instruction program with editor written in AmigaBASIC. Author: Paul Castonguay AC1

Calc A programmable calculator program with similarities to a hand-held RPN calculator. Can run either interactively or in 'script' mode by reading programs from a file. Version 1.0, shareware, binary only. Author: Bob Brooks FF103

Calc A shell style, command-line calculator. Calc does not have a fancy keypad display as many other calculator programs do. Instead, it is capable of taking its input from a file, the keyboard, or a command line and output- ting its results to a file or the screen. It can also apply a single equation to all of the values stored in a file (or files). It handles all common mathematical expressions, can optionally predefine physical constants and store variables. Version 2.0, binary only. Author: Bill Dimm FF388

Calc A very nicely done scientific/programmer/plotter calculator. The scientific portion has most of the operations found on the more popular handhelds. The programmer portion has all the special hex/binary/decimal conversions as well as register operations like ASL, ROL, LSL, AND, OR, XOR, etc. The plotter portion will plot equations. Other features include 26 memories, full mouse or keyboard operation, pull-down menus, and iconization. V 3.0, binary only. by: Jimmy Yang FF210

CalcKey A basic four function, memory resident, pop-up calculator which uses only about 24K of memory and can

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Last Minute Additions

automatically type the answer to any calculation into the program you were using when it was popped up. Version 1.0, binary only, shareware. Author: Craig Fisher FF235

Calculation Demo version of a solitaire type card game. The object of the game is to stack the cards into four ordered stacks, one that counts by one, another that counts by two, another that counts by three and another that counts by four. Version 1.0.2, binary only. Author: Steve Francis FF260

Calendar A program that generates calendars in any one of 10 standard formats for any year after 1900. Binary only. Author: Pierre A du Parte FF269

Calendar Appointment calendar which lets you visually add and update appointments. Can also run in background and remind you 15 minutes before any scheduled event. Amiga port by Bob Leivian FF34

Calendar Calendar/diary program written in AmigaBASIC. Author: Mark Hurst FF32

Calendar.WKS Lotus-compatible worksheet that makes calendars. AM18

CaligariDemo Demo version of Caligari 2.0 from Octree Software. Requires a 68020/68030 and a 68881/68882. Binary only. Author: Octree Software FF531

Call Assembly language from BASIC: Add speed to your programs with Assembly. Author: Martin F. Combs. AC8

calliope Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Calls A little utility to help analyze the flow of a C-program by laying out the functions called in a hierarchical manner. Author: Originally from Usenet with major revisions by Kevin Braunsdorf, Amiga port by George MacDonald FF160

CalorieBase A program designed to provide a caloric and fat count for recipes which do not provide this information. It can also quickly give the calories for a specific food or total the calories you consume throughout the day. Version 1.1 binary only. Author: Mike Richan FF568

CanDoDemos Demos of the capabilities of CanDo an interactive software authoring package utilizing graphics sounds buttons menus etc and a powerful easy to use scripting language. Binary only. Author: INOVAtronics FF565

Canon PJ-1080A Printer driver for the Canon PJ-1080A. AM9

CanonBJ A printer driver for the Canon BJ series of printers. Faster and supports more graphic and text modes than the standard Commodore driver. Shareware, binary only. Author: Wolf Faust FF446

CanonBJC Color printer driver package for Canon BJC 800 and Canon Epson emulation printers. Supports Epson 24/ 48 pin and BJC emula- tion compressed native mode. This driver is not limited to 16/4096 shades/colors. Includes font independent preferences programs for controlling additional options, free definable dither routines (many are included), ink compensation, color adjustment, timeout, and more. Version 1, binary only. Author: Wolf Faust, Distribution by Canon Europe N.V. FF738

CanonLBP Canon laser printer driver package containing WB driver extra preferences program for additional options (landscape copies margins timeout etc) PageStream drivers FontShop program automatic font download free definable papersizes and full support for Workbench 2.0/ 2.1. Version 1.01 fully functional demonstration version binary only. Author: Wolf Faust FF625

CanonStudio Prints IFF pictures from disk in 24/8 bit accuracy on normal WB printer driver. Pictures can be printed in any size (poster function) without need for much memory. Supports most IFF formats (incl. EHB, HAM6, HAM8, IFF24). Provides a nice font independent user interface, free definable ordered dithers, error diffusion and blue noise dithers, ARexx Inter- face, color adjustments, ink compensation, printer spooler and more. This version is limited to Canon printer drivers. Version 1.2, shareware, binary only. Author: Wolf Faust FF738

canvas One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

Car A two-dimensional full screen scrolling racing game with realistic four channel stereo sound and overscan, for either NTSC or PAL Amigas. The goal is to guide your car around one of ten selected tracks. Each track has its individual high score list. Version 2.0, binary only. Author: Anders Bjerin FF336

Car This animation is one of Allen's entries to the Badge Killer Demo Contest. It apparently is an inside joke relating to a well known Amigan's experience with a certain highend graphics hardware manufacturer. Author: Allen Hastings FF123

car horn Sound demonstration icon-driven part of a set on AMICUS 10 AM10

cardco Text file of fixes to early Cardco memory boards. AM12

cardfl One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

CardFile Simple card file database program. ABasiC AM1

CardFile Study aid card file program written in AmigaBASIC. Useful for organizing small blocks of data, such as can be done with a 3X5 card file system. Binary only. By James Parks FF90

CardMaker A programmer's aid for creating card image data that can be used in any card game that uses the standard 52 card deck. This is version 2.1, an update to version 1.0 on disk number 184. Contains bug fixes and support for AmigaBasic. Binary only. Author: Terry Gintz FF375, FF184

Cards'O'Rama A simple game that let's you push your memory. It is played with a deck of 32 cards, grouped in 16 pairs. The cards are shuffled and then displayed at the beginning of each game. Your goal is to pick up as many pairs as you can, until there are no cards left on the screen. V1.0, includes source. By Werther Pirani FF186

Cartoon HiRES Color fantasy humor FF72

caseconvert Modula-2 program which converts Modula-2 keywords to uppercase. AM11

Casino Games of poker, blackjack, dice, and craps. ABasiC program. AM3

Cass Cassette Cover Printer V1.1 is a program to make cassette labels. It produces either the usual ASCII-character-labels or a source-text that can be fed to LaTeX. Written in Maxon's Kick-Pascal source included. Author: Jörn Clausen FF579

CassEti Cassette tape label printer. Includes source in GFA Basic. Author: Thorsten Ludwig FF346

Castle A simple graphics adventure game suitable for beginners. Binary only, but source available with a small donation to the author. Author: H. James Fox FF174

Catacomb A graphic adventure game set on a small island in the middle of the land of EXOUSIA. Your quest is to discover the secrets and treasures of this underground maze, while staying alive. Version 1.6, shareware, binary only. Author: Peter Gage FF666

Cathy A HAM picture of a pretty girl FF72

CBBS A W0RLI-like BBS system for use in amateur radio. Originally written for IBM-PC compatibles, it was ported to the Amiga by Pete Hardie. This is version 6.71a, an update to Version 6.1c on disk 241. Binary only, source available from Pete Hardie. Authors: Hank Oredson, the CBBS group, Pete Hardie FF415, FF241

CBDump This is a CLI utility for those who are working with the Amiga's clipboard device. It's sole purpose in life is to dump the current contents of the clipboard to stdout or by redirection to a pipe or a file. Useful for testing and interfacing with programs that do not support the clipboard. Source included. By: Stephen Vermeulen. FF326

Cc C compiler front ends for Manx and Lattice C, developed independently by Jay T's. These automatically filter off the annoying banner messages from various passes of the compilers Author: Jay T's FF43

cc Aid to compiling with Lattice C. AM1

cc nix-like front end for Lattice C compiler. Author: Fred Fish FF2

CCLib An implementation of the standard C runtime library, with a few extra goodies thrown in. Supports a large number of functions including stream I/O, low-level I/O, string, memory, linked list, sorting, time, process control and more. Version 3.0, includes source and several utility programs. Author: Robert W. Albrecht FF399, FF260

CConvert A utility to convert IFF files to raw bitplane data. It features options to create sprite data lists or interleaved bitmaps. It can generate RAW files as well as linkable object files. Version 1.82. Includes source in assembler. Author: Klaus Wissmann FF860

CCutils Eight small CLI utilities that use the cclib.library shared library. Includes a program to display disk usage on your menu bar, a program to check the integrity of IFF files, a program to remove shared libraries from memory if they are not being used, and more. Binary only. Author: Robert Albrecht FF286

CDecl English to C (and vice versa) translator for C declarations. This little gem will translate english such as 'declare foo as pointer to function returning pointer to array 10 of pointer to long' into 'long *(*(*foo)())[10]', and vice versa. Update from version on FF114. Includes source. Author: Graham Ross with enhancements by David Wolverton, Tony Hansen, Merlyn LeRoy, Udi Finkelstein and probably others! FF167, FF114

CDTV-Player A utility for all those people, who'd like to play Audio-CD's, while multitasking on workbench. It's an emulation of CDTV's remote control, but is a little more sophisticated. Access to the archive even without a CD-ROM-Drive (i.e. AMIGA 5004000), although you can't play a CD. PROGRAM & KARAOKE (live on-screen) included. Recognizes CDs automatically. AREXX-Port for usage in other programs. Version 2.05, an update to version 2.0 on disk 868. Docs in English, Français & Deutsch. Supports CDTV-Drives & XETEC-Drives. FISH-WARE, binary only. Author: Daniel Amor FF894, FF868, FF849, FF805, ff759

Celest AKA Celestial Caesars, a strategy game for up to nine players. This simple wargame pits you against any combination of human or computer opponents. The game uses an Intuition interface, and can be played by file-mail. Version 1.11, binary only. Author: Tony Belding FF659

Cell Animation: Using cell animation in Modula-2. Author: Nicholas Cirasella AC5

CELLS A cellular automata experimentation lab, based on the rules described in the Computer Recreations column of the Scientific American, January 1990. Version 1.3. Source included. Author: Davide Cervone FF502

CelScripts Makes cel animation scripts for Aegis Animator, in AmigaBASIC. AM21

CenterScreen A commodity which centers the frontmost screen horizontally on hotkey. Useful if you normally operate with overscan screens and an old program opens a normal size screen. Requires at least AmigaOS 2.04. Version 1.07, an update to version 1.03 on disk 497. Includes german version and source in C. Author: Stefan Sticht FF867, FF497

CFN When working in the Shell, allows you to complete filenames by just hitting the <TAB> key in a manner similar to that commonly found on UNIX systems. When similar filenames exist, CFN will complete the file name up to the point they differ, then wait for you to add more characters, after which you can simply press the <TAB> key again to complete a unique file name. Version 1.0, includes source. Author: Andreas Günther FF888

cforth A highly portable forth implementation. Lots of goodies. Author: Allan Pratt FF3

CFX Crunched File eXaminer allows the user to examine and find files using several different search criteria. CFX knows a huge amount of the current Amiga filetypes, including a vast number of 'cruncher' types. CFX can also give in-depth disassemblies of crunched files, including most address crunched files, relocator crunched files, and some major archive crunched types. This version requires kick 1.3 or 2.0. Version 5.275, an update to version 5.242 on disk number 750. Binary only, freeware. Author: Bob Rye and Marcus Mroczkowski FF866, FF750

Challenger A freely distributable quiz program with 500 questions in this version. English and German version included. Version 1.0 binary only. Author: Udo Haisch FF622

Change Small CLI-only program to translate numbers from one numbering system to another. Binary, octal, decimal and hexadecimal numbers are supported. Version 1.00, includes source in C++. Author: Harald Peh! FF864

ChangeColors A new palette tool to change the colors of the workbench or any other public screen. The feature of this tool is its font independance; it uses the font of the screen on which it opens, instead of insisting on topaz 8. Looks really great if you use any other font than topaz on your workbench screen. This is version 1.03. Includes german version. Binary only. Author: Stefan Sticht FF497

Charon Charon is Bradley's entry for the First Annual Badge Killer Demo Contest. The text of the demo was written by Lord Dunsany (long before the Amiga). Bradley created the illustrations and animation. The sound track is a traditional Scottish tune 'The Arran Boat'. by: Lord Dunsany (1915), Bradley Schenck (1988) FF198

CheatFont A simple program which Patches the TOPAZ/8 font. You can use one out of FIVE implemented fonts, but it's also possible to install external fonts via the req.library and/or the reqtools. library. Also included in the package are 30 demofonts. OS\2.0 required, freeware, binary only. Author: Nils 'Jon' Görs FF751

Cheats Have an old game that you got frustrated with and put away? Get hopelessly lost in an adventure game maze? Get to level 218 of your favorite game when your cocker spaniel mistook your scrap of paper listing entry level codes for his favorite sock? Well there might be something in this huge list of game solutions, hints and tips that you can use! Author: Many! see individual listings. FF788

CheatSheet A compilation of cheats, hints, backdoors, helpful bugs, passwords, codes, solves, and walkthroughs for over 150 Amiga games. February 1st, 1991 edition, an update to January 1st edition on disk 431. Author: Mark Shnayer FF456

Check A useful little utility for finding structural errors in C-source code. Many command-line options. Version 1.03, binary only. Author: Keith Elbertson FF160

Check4Mem Allows you to check from a batch file for a specified amount of memory with certain attributes. If the requirements are not met, a WARN returncode is generated. Version 3, update to the version on FF242. Binary only. Author: Jonathan Potter FF412, FF242

CheckBook Checkbook Accountant is a checkbook recording, balancing, budgeting, and analyzing program. Intended to be used as a companion to a checkbook register and not as a replace- ment, this program offers a simple way of balancing check- books, tracking bank transactions, and recording and analyzing budgeted transactions. This is version 2.0, an update to version 0.9 on disk 425. Some of the new features include: Sort, Move, Duplicate, Program Prefs, Reoccurring Transaction Groups, Statistics, and Search & Replace. AmigaDOS 1.3 or Release 2 required. Binary only. Author: Jeffrey R. Almasol FF515, FF425

CheckIFF Program to check the structure of IFF files and report any problems. Binary only. Author: Unknown FF81

CheckModem A program which provides for executing other programs from your startup file, if and only if there is actually a modem connected to the serial port. Author: Matt Dillon FF46

CheckPrt A small program for checking the presence of a parallel printer from within a script file. Update of version on disk 479. Now also includes two small tools to test the state of some lines of the printer port, to make it easier to find the source of printer problems. Binary only. Author: Tom Kroener FF521, FF479

Cheetah a picture of a cheetah. AM15

CheetSheet A compilation of cheats, hints, backdoors, helpful bugs, passwords, codes, solves, and walkthroughs for over 150 Amiga games. January 1st, 1991 edition. Author: Mark Shnayer FF431

ChemBalance An ARexx script to balance unbalanced chemical equations. With ChemBalance in ram, enter 'rx ram:ChemBalance' from a CLI or Shell window. A prompt should appear from which you can enter an unbalanced chemical equation for ChemBalance to try to balance. Version 1.0, requires ARexx. Author: Patrick Reany FF759

Chemesthetics Chemesthetics uses the calotte model to draw molecules. It has an Intuition user interface, can save pictures as IFF files and has many example files. The new version lets you raise the task priority for the painting process to get the results faster, shadow and reflection color can now be set to your desires, quicktrans.library is used for even faster painting. Versions for a math coprocessor and utilties to convert data files from Molec3D and to DKBTrace are included. This is version 2.14, an update to version 2.10 on disk number 574. Includes source in C. Author: Joerg Fenin FF777, FF574, FF536, FF427

ChemniMaTe A program to make animations of chemical reactions with the purpose of recording it on a video tape. It is a programming language, containing expressions, nested loops, etc. It can handle molecules with in total up to 64 atoms, and lines between atoms. Works correctly under PAL. Version 0.8, examples and source (in DICE C) included. Author: Klaas van Gend FF542

Chess A port of a chess game posted to Usenet. This is an update to the version first included on disk 96. It has been

upgraded to use an Amiga Intuition interface. Version 2.0, binary only. Author: John Stanback; ported to Amiga by Bob Leivian Version 2.0 upgrades by Alfred Kaufmann FF205, FF96

ChessTutor Chess tutor is a program designed to introduce novice chess players to the basics of the game. Shareware, written in AmigaBASIC. Author: William Jordan FF269

Child Toddler digitized forever in Amiga history, an IFF picture. AM7

ChinaChallenge A game similar to Shanghai or Mahjong. The goal is to remove all parts of the pile, the so called Dragon, step by step. This dragon is composed of 120 different game pieces. You can always find four pieces displaying the same picture or chinese symbols. This is version II, an update to the version on disk 312. Changes include some bug fixes, unlimited undo, saving and loading of games, background music, title screen, etc. Binary only. Author: Dirk Hoffmann FF444, FF312

CHIP8 CHIP8 is a programming language popularised by the RCA COSMAC VIP, DREAM 6800, and ETI-660 hobby computers. It is one step up from machine code (actual hex codes), yet allows the creation of some very simple, very small games. Version 1.1, includes assembly source and some demo games. Author: Paul Hayter FF537

ChkFrag A program that reports on the extent of file fragmentation in any specified directory tree. Binary only. Author: Timeus FF519

Chop A program which uses a hotkey to chop a displayed screen down to a temporary maximum of 4 planes in lo-res or 2 planes in hi-res, allowing the processor full speed access to chip memory. Only the displayed screen is affected, the program painting the screen continues to work with the full color palette. Unchoping the screen puts everything back to normal. Version 1.0, binary only. Author: Nico Francois FF302

Chop Truncate (chop) files down to size, C program in C source code and executable. AM3

Chord Todor Fay's SoundScape module source code from his AC articles. The Lattice and Manx C source code is here, along with the executable modules. AM26

ClATimer Two versions of ciatimer routines to provide precise timing for applications requiring a high-accuracy real-time clock. Includes source and a sample executable. By Karl Lehenbauer, based on the original version by Paul Higginbottom FF178

cInclude Text file cross-reference to C include files. AM12

circle One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

Circles A circles pattern generator, reminiscent of one of the early Amiga demos. Version 1.1, includes source in C. Author: Joel Swank FF304

CirclesUp A simple little two player game where circles fly into the playing area from both sides of the screen. When each player presses his corresponding ALT key they fly to the top of the screen and stop moving when they hit another circle or the border. The object of the game is to connect a specified number of circles of the same color. Version 1.0 includes source. Author: Jason Lowe FF592

CirPlane A circular plane generator for VideoScape 3D. Generates a clockwise circular polygon with the specified number of vertices. Used, for example, to cap a cylinder or to generate surface detail. Version 1.0, with source. By Thad Floryan FF101

Citadel A full featured Amiga BBS program with all the necessary files to setup your own BBS. Citadel is a room structured message system with the fundamental design goal of providing a congenial forum conducive to interesting discussions. Messages are stored and retrieved in chronological order within each room. Callers may travel freely between the rooms, reading old messages and posting new ones. This is a two part distribution. Both parts are required. Binary only, source available from authors. Author: Jay Johnston, Hue JR., and Tony Preston FF661& FF662

CITAS Convert ILBM To Assembler Source. CITAS allows one to easily put graphics into his/her own programs. CITAS takes a standard IFF ILBM image file and converts it into either assembler or 'C' source code. Designed for blitter image control, all of the necessary labels are generated, along with color map information, mask generation, and other options. This is version 2.0, shareware, binary only. Author: Max Bithead FF475

claves Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Claz Converts IFF picture files to POSTSCRIPT. Works with Amiga HAM pictures, as well as 'normal' pictures. Also includes scaling. Version 2.0, includes source. Author: Steve Ludtke FF87

Claz2 Update of prog to convert IFF images to PostScript files for printing on laser printers. AM26

Clean A small program written in assembly code, to be used in conjunction with a cleaning disk, to clean your floppy drive heads. Version 1.0, includes source. Author: Dan Burris FF297

clean Executable program, spins the disk for disk cleaners. Documentation included. AM12

Cleanup Removes strange characters from text files. C program. AM3

Clear Fills unused areas of memory with a specific byte pattern. FF105

Cled A simple command line editor which allows you to edit your commands before and after they are processed. Uses the arrow keys and simple control sequence keystrokes for cursor positioning and editing tasks. Update to version on FF74, this is version 1.4, binary only. Author: Pat Empleo FF81, FF74

Cleo Implementation of a new experimental Pascal like language. Besides the normal data types, includes 2D and 3D data types, and an RGB color data type. Includes a compiler and interpreter, example programs, and documentation. Version 1.0, includes full source in C to compiler, interpreter, and examples. Author: DIALLO Barrou FF805

CLI-Colors A simple little program to change the colors of the border around a CLI window. Includes source in assembly code. Author: Michael Sinz FF248

CLI-Tools Some CLI-use only tools. Includes a file splitter, a cold reboot utility, a test-if-command-is-resident utility, a 50Hz time delayer, and a utility to calculate the 'REAL' number of blocks used by a file. All include C or Assembly source. Author: Thies Wellpott FF764

ClibSave A small hack for saving the actual contents of the clipboard (unit 0) to a file. It may only be used from shell. This is version 0.1 includes source. Author: Uwe Röhm FF595

CLICard Text file of a reference card for AmigaDOS CLI. AM1

ClickDOS A 'directory utility' type program which is reasonably small, uses a single window on the Workbench screen (which can also be iconified), does not rely on other programs for most of its functions, and is very memory efficient. This is version 1.10, binary only. Author: Gary Scott Yates FF276

ClickRun With the help of ClickRun you can start fifty programs by a simple mouse click. Has a build in editor, online help and iconification. Supports keyboard and mouse. English and German documentation. Version 1.0, binary only. Author: André Voget. FF743

ClickToFront extends the user-interface so that a double-click into a window brings it to the front. Now as long as you can see any part of a window you can bring it to the front without having to hunt for the page gadgets. Version 1.1, includes source. Author: Bryce Nesbitt FF86

ClickUpFront ClickUpFront is another program, similar in function to the ClickToFront program from disk 86, that allows you to bring any window to the front simply by double-clicking in any part of it. Version 1.0, includes source. By Davide Cervone FF94

CLIClock sClock, wClock are window border clocks. Source code, executable program, and documentation. AM14

CLICommands Text guide to using the CLI. AM1

CLIcon Allows you to run cli programs from the workbench, similar in operation to IconExec, but more versatile. Author: Bryan Ford FF167

CLIExe A XIcon style program. It allows you to execute a script from WB and is completly CLI compatible, because it is a CLI. Can use a real script file or take commands in its own TOOLTYPES. Version 1.1, an update to version 1.0 on disk 540. Includes source in C. Author: Sylvain Rougier FF649, FF540

CLImax A command like NewCLI or NewShell except that it creates a borderless CLI or Shell window on a custom screen. Now you can use the whole display just like a non-windowing computer. Requires ConMan 1.3 or newer. Release three, vastly improved over the first release on disk 224. Includes source. Author: Paul Kienitz. FF429, FF224

ClipBoard Clipboard device interface routines to provide a standard interface, such as Open, Close, Post, Read, Write, etc. Author: Andy Finkel FF56

CLIPrint An example of printing to the CLI from assembly code. Includes source (of course). by: Jeff Glatt FF237

CLIsizer A little hack to allow you to easily resize the WorkBench screen from any CLI or Shell window. Version 1.0 includes source. Author: Torsten Jurgeleit FF562

clist.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

CLITools Two small shell commands, touch and time, which behave like their UNIX cousins, and can be made resident. Kickstart 2.0 or later required. Includes source. Author: Martin W. Scott FF696

CLIwindow CLIwindow allows you to manipulate the dimensions of a CLI window. It can be moved, enlarged, or shrunk. This is version 1.00. Includes source in assembly. Author: Roger Fischlin FF437

CLI_Utilities This directory contains several subdirectories with small utilities, collected from various sources, that are only usable from the CLI. See the Readme file for further information. Some include source. Author: Various FF162

Cload An AmigaBASIC Program to convert Compuserve hex files to binary. Source code and documentation included. AM8

Clock A simple Clock program but with the handy feature that you can 'snapshot' the clock to stay with any screen or it can be free to pop to the frontmost screen automatically. Up to 4 alarm times can be set, which can simply put up a requester or cause some program to run in background. Hourly chimes can also be made to run a program (I.E. a sound sample player). Uses locale.library with OS2.1+ Version 2.00, binary only. Author: Bernd Grunwald FF869

Clock Another clock program, comes in several flavors depending upon features desired, which include using alternate fonts, using alternate colors, setting the time, etc. Binary only. Author: Mark Waggoner FF59

Clock Two programs to put clocks on the WB screen. The executables are small (2Kb) and take little processor time (1.5%) to run. Version 1.4. Both programs require ARP. Source in C is included. Author: Stuart Mitchell FF416

Clock Updated version of the clock program released on FF15. Adds seconds display, free memory display, and faster updates Author: Mike Meyer FF36, FF15

Clock V1.00 Simple clock, configurable with config. FF168 & 169

ClockDJ A utility which combines a clock, mouse accelerator, screen blanker, window manipulator, function keys, and macros into a single program, written in assembly language for maximum efficiency. Includes an ARexx port. Version 5.02, an update to version 4.07 on disk 293. Binary only. Author: David Jenkins FF529, FF293

CloneCmdKeys A commodity that maps the AmigaDOS 2.04 Shell's CUT and PASTE commands to any keys. By default CloneCommandKeys will make LEFT-amiga-c act as COPY and LEFT-amiga-v will act as PASTE. Alternately you can specify any key-mapping you like by using ToolTypes. Requires AmigaDOS 2.04. Version 1.0 includes source. Author: John Lindwall FF608

CloseMe Another ingenious perversion in the screen hack category. Don't miss this one...surely destined to become a classic! Includes source. Author: Charlie Gibbs FF167

CloseWB Simple program for use with MWB (also on this disk) to close a current WorkBench screen, and let you open WorkBench on a custom screen. Author: Matt Dillon FF65

CloseWD A tool which enables you to kill windows which are left on any screen from other programs, which have been terminated by gurus or other things. You can specify the window by pattern matching in the string gadget or by setting a timeout that gives you time to select the proper window. It has a gadtools interface and an 'ask-before-closing' option. This is version 2.11 an update to version 1.2 on disk 742. Removed some enforcer hits and is now font independent. Requires AmigaDOS 2.04 or higher. Freeware, binary only. Author: Hans-Peter Guenther FF827, FF724

Cloud A program that generates and displays fractal surfaces that look remarkably like clouds. Based on ideas from the book 'Fractals' by Jens Feder. Binary only. Author: Mike Hall FF216

Clouds A program which creates random cloud scenery. You may save the pictures as IFF-files and use them as background for your workbench. Uses new AGA-features. Operational on all AMIGAS with all Workbench-Versions, but needs at least 2.1 to gain access to all features. Version 2.9, an update to version 2.0 on disk number 805. Public domain, includes complete source in KICK-PASCAL. Author: Daniel Amor FF893, FF805

CLS Clear Screen Command made for the purposes of being SMALL, and thus not wasteful of memory when made memory resident, it consists of 96 bytes of memory on disk! Includes source in assembly. Author: Bill Nelson FF237

cls A screen clear and CLI arguments example in Assembly. Executable and source code. AM11

Clue Clue board game. Nice. Author: Greg Pryor FF45, AM8

CL_SEP92 This is the September 1992 release of CheatList for the Amiga. Cheatlist is a collection of various forms of help (cheats, hints, codes, etc.) for Amiga games. Included in the package is PokeList, a similar file which details pokes usable with the Action Replay cartridge. The September release covers 500 games, and on average, another forty games are added each release. Shareware. Author: Various, compiled by Peter Monk FF869

CM A celestial mechanics simulator with an Intuition interface. You construct a layout of celestial bodies and specify various parameters for the bodies and the simulation. CM then animates the bodies according to the laws of gravitational attraction. Setups may be saved to disk to later reinact interesting scenarios. Version 1.0, includes source. Author: W. John Guineau FF280

CManual A 5 disk distribution of one of the largest collections of documents, examples, and utilities in C for the Amiga. It consists of six manuals, with more than 40 chapters, 175 fully executable examples complete with source code, and several utilities and other goodies. The manuals describe how to open and work with Screens, Windows, Graphics, Gadgets, Requesters, Alerts, Menus, IDCMP, Sprites, VSprites, AmigaDOS, Low Level Graphics Routines, etc. They also explain how to use your C Compiler and give you important information about how the Amiga works and how your programs should be designed. When unpacked, the manuals and examples nearly fill up twelve standard Amiga floppies. This is version 3.0, an update to version 2.0 on disks 456 and 457. Because of its size, it is distributed on five library disks, 691 through 695. Author: Anders Bjerin. FF691 through 695, FF456&457, FF337

Cmd Cmd redirects the serial.device or parallel.device output to a file. Useful for capturing print jobs for debugging or 'offline' printing. Version 4, includes source. Author: Carolyn Scheppner FF95, FF86, FF79

CMDemo A couple of nifty animation demos created with GVP's new standalone morphing package CineMorph(tm). CineMorph features the ability to warp single images, morph between two or more images, and even morph between moving sequences of images, with an easy-to-use interface. Extremely fast rendering times, and the ability to output to a variety of formats (including direct support for HAM-E, DCTV, and generating Op-5 ANIMs). Author: Great Valley Products FF757

CMP V1.00 Utility to compare two files FF168 & 169

CNewsBin This is part 1 of a C News distribution for the Amiga. This part includes all the binary and text files necessary to set up and run C News. Part 2 is available on disk 473 and contains the source. C News uses UUCP, such as Matt Dillons implementation (see disks 479 and 480) or that included with this software's previous version (disk 319). This package has been reworked and now includes a newsreader, AmigaRN (Sharware). All major (and a few minor) features of Unix C News are implemented. The Author refers to this as release 15-Dec-90, an update to the orginal version on disks 318 and 319. Author: Various, Amiga port by Frank Edwards FF472, FF318&FF319

CNewsSrc This is part 2 of a C News distribution for the Amiga. This part includes all the source for C News. Part 1 is available on disk 472 and includes all the binary and text files necessary to set up and run C News on the Amiga. CNews uses UUCP, such as Matt Dillons implementation

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(see disks 479 and 480) or that included with this sofware's previous version (disk 319). This package has been reworked and now includes a newsreader, AmigaRN (Sharware). All major (and a few minor) features of Unix C News are implemented. The Author refers to this as release 15-Dec-90, an update to the orginal version on disks 318 and 319. Author: Various, Amiga port by Frank Edwards FF473, FF319

cnvapidhm Executable program that converts Apple][low, medium and high res pictures to IFF. With documenation AM12

CodeDemo Modula-2 program converts assembler object files to inline CODE statements and a screen scrolling example AM24

CoGo An engineering/surveying program to solve coordinate geometry problems for highway design, surveying, subdivision layouts and constuction. Needs 1 Mb of memory. CLI only with output to screen or printer. Manual, with sample problems, avail- able from author. This is version 1.0, binary only. Author: Don R. Benson FF714

ColorArt Art drawing program in AmigaBASIC. AM8

ColorCatch A utility that lets you grab colors from a screen and save them as an executable file. This is version 2.0, an update to version 1.0 on disk 396. Includes source in assembler. Author: Preben Nielsen FF543, FF396

colorcircles One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

colorful Shows off use of hold-and-modify mode. Posted to usenet by Robert Pariseau. FF1

ColorReq A color palette library callable from any program. Used to adjust the colors of any screen. Automatically adjusts to screen size, number of colors. Has many features including SPREAD, COPY, UNDO, RGB, HSV, as well as customizable gadgets. Binary only. Author: Jeff Glatt and Jim Fiore FF257

ColorReq Describes the update to the color.library and has an example program, with source, that demonstrates its use. Author: Dissidents Software FF348

ColorSamples A few executable color samples made by ColorCatch from disk 396. Contains the 'old' colors from kickstart 1.3 and the 'new' colors from kickstart 2.0. Very useful because some programs/icons look awful when displayed in colors other than the ones they were created for. Author: Preben Nielsen FF483

ColorSaver A 'pop-up-anywhere' (almost!) color palette commodity with several features I could not find in other palette tools. Features include: Load/Save color palettes; Sliders selectable between RGB/HSV; Copy, Swap, Range Functions; Complement selected color; Left/right shifting of the entire palette; Ability to permanently alter (patch) the color tables of executables with a statically allocated color table. Requires OS2.04 or greater. Version 0.84 (alpha release), includes source. Author: Dan Fish FF800

ColorSwitch A little program to switch between WB1.3, WB2.x and user pref- erence palettes. Requires Kickstart 2.0 or higher. Includes source in C. Author: Martin W. Scott FF742

ColorTools Three tools that manipulate the colors of your screen. Binary only. Author: Dieter Bruns FF323

Colour A program to manipulate the colors of specific named screens, saving their current color sets to data files, loading new color sets from data files, or interactively changing the colors. Includes source. Author: John Russell FF126

Colourscope: A shareware program that shows different graphic designs. Author: Russell Wallace AC5

Columns A GUI-based 'paper-saving' utility. Allows you to print text in columns and use various compression modes (up to 160 characters per line and 180 lines per standard DIN A4 page). 5.6 times more characters than in usual modes, but still readable. Written completely in assembly. Kickstart 2.0 and 3.0 compatible, Kickstart 2.0 look, Keyboard controls and saveable settings. Version 2.5, binary only. Author: Martin Mares, Tomas Zikmund FF900

ColumnSet A text filter program that takes as input a file with one word per line and produces a file with these words laid out in the same order in even columns, as many as will fit across the output screen or page with at least one space between columns. Includes source in Modula-2. Author: Kent Paul Dolan FF270

Comal Demo of AmigaCOMAL (missing only SAVE), an incremental p-code compiler from Denmark. COMAL is a language with the design goal of combining the modern structured approach of Pascal with the ease of use and interactivity of BASIC. There are versions of COMAL for IBM, VAX, CP/M, C-64, Amiga and various European operating systems. Includes a complete turtle graphics package. Perfect for education yet powerful enough for applications programming. V2.0, binary only. By Svend Daugaard Pedersen Freddy Dan Dalgas Kristiansen FF296

COMAL.h Make C look like COMAL header file. In C source code, and documentation. AM19

Comm Source release for comm version 1.34. Last release on FF71 was binary only. FF75, FF71, FF67, FF48, AM17

Commands Shorter guide, in text, to AmigaDOS CLI commands. AM1

Commodities Commodities Exchange, an Amiga exec library which can be opened and used by application programs to gain access to input in a very flexible way. This is a 'minimal, binary only' copy. Source may be available on a future disk. Version 0.4. Author: Jim Mackraz FF87

Commodore IFF This is a copy of the official November 1988 Commodore IFF disk. All the files in the 'documents' directory are in zoo file 'documents.zoo' FF185

Compactor, Decoder Steve Michel AmigaBASIC tools. In C source code and documentation. AM20

CompDisk A disk compression/disk compression package which was written to be fast and easy to use. Includes an Arp and an Intuition interface. Includes source in 'C'. Author: Olaf Barthel FF353

Compiler An optimizing C compiler for the 68000. Has successfully compiled itself on a 68000 based UNIX system V machine, but has yet to be fully ported to the Amiga. It will currently produce assembly output for simple C routines on the Amiga, but needs lots of work to be really useful as anything other than a learning tool. By Matthew Brandt FF53

ComplexPlot Allows the transformation of a drawing by a complex function. The drawing can be edited with the mouse (line, circle and fill modes included), and generators for cartesic and polar nets can be used. The freely editable complex function then changes the drawing in many interesting ways. Both english and german versions are included (and some demo drawings). Version 1.0, binary only. Author: Michael Gentner FF867

Compress Compress reduces the size of the named files using adaptive Lempel-Ziv coding. The amount of compression obtained depends on the size of the input, the number of bits per code, and the distribution of common substrings. Typically, text such as source code or English is reduced by 50-60%. Compression is generally much better than that achieved by Huffman coding(as used in 'pack') or adaptive Huffman coding (as used in 'compact'), and takes less time to compute. By Thomas Spencer, with improvements by others FF51, FF6

ComputerBlocks An IFF image of multicolored computer composed shapes as blocks. AM7

Concentration A game in which the player must match pairs of words to win. Takes two players to play and can be played against either another person or against the computer. Version 3.3 binary only source available from authors. Author: Alan and Heather Keith FF627

CONFIG V1.00 Used to configure friendly programs like DME for the initial window placement (configures the executable) FF168 & 169

ConLib A run time reentrant library developed with the purpose of making life easier for application programmers. It contains functions to format and display text accept keys/messages strings or numbers and to handle cursor and screen control among other things. Version 2.00 includes source in asm. Author: Bjorn Reese FF587

Conman Extremely useful replacement for the standard console handler, provides line editing and command line histories. Completely transparent to any application program that uses CON: windows. This program is shareware, and well worth a donation to the author. This is version 1.3e, an update to version 1.3 on disk 165. Changes include updates for WorkBench 2.0 console refresh and cut/paste, and improvements to window resizing. Binary only. Author: William Hawes FF426, FF165, FF133, FF100, FF90, FF81, FF69

Connex A 'connect-4' type game. This is version 4.0, an update to version 3.8 on disk 493. Shareware, binary only. Author: Adrian Millett FF511, FF493

ConPackets Demos the use of DOS packets, finding the Window pointer and ConUnit pointer of the CLI window, toggling Raw mode, getting cursor position and limits from the ConUnit, and ESC-sequence cursor positioning. By Carolyn Scheppner FF56

Conquest Lore of Conquest is a war game similar in concept to the board game Risk. You are the lord of an entire world, destined to rule the galaxy. Some worlds are virgin fruits, ready for you to colonize. Some worlds have natives who do not wish to accept your rule, these you must conquer for they will yield more valuable resources. As you claim the galaxy you will find, you are not the only one extending your dominion. This is a two-player game, so be prepared to defend yourself and take what is yours! Version 1.6, an update to version 1.5 on disk 523. Includes enhanced galaxy map, instant replay option, timed turns, symmetrical universe, and more. Binary only, shareware. Author: Michael Bryant FF533, FF523, FF459, FF432

Conquest You control an interstellar empire, decide which star systems to explore, which planets to colonize, etc. The computer will also be building its own empire and competing with you for resources. The one with the greatest population at the end wins. First distributed in executable form only on FF10. This distribution includes source. Author: Unknown, reported to Amiga by Rob Shimbo Second release of a csh-like alternative to the CLI, first released on FF14. Has alias, built in functions like 'dir' for speed, history, named variables, command re-execution with substitution, etc. Author: Matt Dillon FF24, FF10

cons Console device demo program with supporting macro routines. Author: Rob Peck FF5

Console Console is a new set of routines to get around some of the problems with the standard system routines, and includes some simple graphics routines. With source. By Jim Cooper FF69

console.bmap one of the necessary links between AmigaBASIC and the system libraries.diskfont.bmap AM8

consoleIO.c Console I/O example. C program. AM4

consoleIO.txt Copy of the RKM console I/O chapter. C program. AM4

ConsoleWindow Example program for finding the intuition pointer to an AmigaDOS CON: or RAW: window, so you can do WindowToFront, graphics, and other interesting things. (Requires AmigaDOS 1.2) Author: Andy Finkel and Robert Burns FF35

Contact A memory resident 'pop-up' program for maintaining a list of names addresses and phone numbers or other flat file data- base applications. Can print labels in up to four columns to PostScript printers or any preferences supported printer. Up to two phone numbers can be stored with each entry and dialed automatically using pulse or tone dialing. Unique sorting feature allows the user to specify the sort key of each record. Addresses can be imported and exported via the clip- board or output using the unique 'type' feature. Notes can also be associated with each entry using your favorite editor. Has full ARexx support. Version 2.0 binary only. Author: Craig Fisher CMF Software FF618, FF384

Contour4D Creates colored altitude mapped objects for Sculpt 4D. Two IFF brushes are used; one to supply the color for the object and a second which by its color intensity gives an altitude for the object at that point. Objects are optimised so that large areas of one color and height become a single larger set of faces. Objects are output in Sculpt '.scene' format. Works with ordinary HAM or Extra-Halfbrite brushes. Any palette colors can be omitted from conversion and all palette colors can be of different textures. Full Intuition interface. Version 1.5 shareware binary only. Author: Bruce Thomson FF586

Control Program which provides finer control over the printer device. When it sees a DUMPRPORT, it fires up a requestor and lets you play with the values being passed in the IO Request block. Includes source. Author: Andy Finkel FF74

Conundrum: An AmigaBASIC program that is a puzzle-like game, similar to the game Simon. Author: Dave Senger. AC8

Convergence: Part five of the Fractal series. Author: Paul Castonguay AC10

Convert A program that provides the means to easily convert numerical values between international, Imperial and US systems of measurement. It does this in twelve fields of measurement, including area, capacity, density, energy, fuel consumption, length, power, pressure, speed (velocity), temperature, volume and weight. It has a flexible, easy to use GUI and works under OS 1.3 and 2.xx. The registered version also has an ARexx port. Version 2.0, shareware, binary only. Author: Mike Fuller FF801

Convert A units conversion utility inspired by 'Units' (by Gregory Simpson) but is easier to use and can be customized by changing the data file (conv.dat) alone and does not require recompilation of the program. V1.3, binary only. Author: David Whitmore. FF872

Convert Converts 39 different image formats into CBM standard 24 bit IFF files for display on devices such as Black Belt Systems HAM-E product. Version 1.6, binary only. Author: Pete Patterson and Ben Williams FF451

Convert Converts an object file to a C source which can be inserted with '#include' in your own programs. Version 1.0, includes source. Author: Frank Enderle FF533

ConvertDoodle Converts Commodore 64 Doodle files into Amiga format. AM11

ConvertKoala Converts Commodore 64 Koala files into Amiga format. AM11

ConvertPrintShop Converts Commodore 64 PrintShop files into Amiga format. AM11

ConvMacF Converts MacIntosh type 1 Adobe fonts to a format usable on the Amiga. Reads a compressed MacIntosh format Adobe font file and unpacks it to an ASCII text file, which permits sending the font to a printer as a PostScript program. Includes source. Author: Unknown, Amiga port by Joe Pearce FF455

Cookie Fortune cookie program. Includes source. Author: Richard Stevens FF65

Cooltunes Two volumes of songs written with MED. Includes 'Exarch', 'Sedative', 'Hypersonix', and 'SlowPlay'. Uses MEDplayer to play the songs. Author: Robert J. Perrine FF667

CopDis An oldie but goodie I found while poking around the net. CopDis is copper list disassembler that can be run from the CLI or linked with and run directly from an application program. Version 34.1, an update to FF261. The code has been cleaned up, some bugs fixed and the ECS instructions added. Includes source. Author: Karl Lehenbauer, enhanced by Sebastiano Vigna FF776, FF261

Copper A copper list disassembler. Dumps the contents of a hardware copper instruction list. By Scott Evernden Inst FF43

Copper An action game similar to Arkanoid. The objective of the game is to destroy all the bricks on the screen with the ball. Some bricks may take only 1 hit to destroy or as many as 8. Shareware binary only. Author: Hai Truong FF632

CopperBars A simple but pretty demo of some rolling copper bars. Author: Jonathan Potter FF412

CopperMaster This program allows you to easily create your own custom copper lists for the Workbench screen. Author: Jonathan Potter FF412

CopperPrefs A OS 2.0-style preferences editor that allows you to load,edit and save copperlists for your workbench. A little program will load your copperlist on startup and display it exactly like IPrefs does. Includes some sample copperlists and the specification for a new IFF copperlist format. Requires OS 2.0+. Version 1.0, shareware, binary only. Author: Stephan Fuhrmann FF769

Copy A replacement for the AmigaDOS copy program that is upwardly compatible, plus includes some new features like date preservation. V1.0, includes source. By Jeff Lydiatt FF75, FF13

CopyC_DEMO A Disk Tool for making backup copies, formatting, relabeling, installing, etc. Includes selective tracks, doscopy, blockcopy, ramcopy, bitmapcopy, syncwords, and more. Written in assembly. Version 1.0, binary only. Author: Ludwig Huber FF881

Cos A 'Wheel Of Fortune' style game in AmigaBASIC. Author: Steve Michel FF51

Cosmic An interstellar multiplayer game of War and Peace. From the looks of the documentation file, it appears fairly extensive! Version 1.01, includes source. Author: Carl Edman FF178

Freely Redistributable Software

Cosmo An 'asterioids' clone. Suggested $6 donation. Author: John Harris FF40

Cosmoroids A version of 'asteroids' for the Amiga. AM15

Counting An educational program for kids from 4 to 14, that helps to develop and sharpen skills in addition, subtraction, and multiplication. Version 1.0, binary only. Author: Ken Winfield FF722

Coyote Another cute animation from Eric Schwartz. This one is Coyote 2: The Road Test, Eric's tribute to Chuck Jones. Has the typical Roadrunner and Coyote mayhem. Author: Eric Schwartz FF417

Coyote Gene's entry to the 1988 Badge Killer Demo contest. A very cute (and large) animation. Requires about 1900 blocks of disk space, so it is in 'arc format'. By Gene Brawn FF207

cp A UNIX-like copy command. Executable program. AM11

CPalette A palette adjusting program that can be brought up on just about any screen, including HAM and EHB. Version 1.1, includes source in assembly. Author: Craig Lever FF498

CPK A program to render a space filling representation of atoms in molecules. This is the type of representation one would find in the plastic 'CPK' (Corey, Pauling, Kendrew) models often used in organic chemistry. There are no hard coded constraints on the number of atoms it can process, it correctly handles intersecting 3-dimensional spheres by using the Bresenham circle algorithm in 3D, and computes using the the current display screen resolution for simplicity and speed. Version 1.0, binary only. Author: Eric G. Suchanek FF809

CPlot Graphs linear functions in two dimensions, similiar to a Mandelbrot plot. You start with a linear function like 10sin(x**2+y**2) and CPlot treats each point on the screen as an X-Y coordinate, color-scaling it according to its magnitude for a preset range of inputs. Includes some very nice sample creations. Version 1.0, binary only. Author: Terry Gintz FF392

CPM A program to compute mandelbrots via the Continous Potential Method, as described in the book The Science of Fractal Images by H. O. Pietgen and D. Saupe. It is used to make 3-dimensional pictures of the mandelbrot set. This is a batch mode type program so several images can be generated, one after the other, without any human interaction. Includes source. Author: Lars Clausen FF303

CPM Another CP/M emulator independently authored from the version that appeared on FF 157. Emulates a CPM computer with a Z80 processor connected to an ADM3A terminal. Assembly source included. Author: Ulf Nordquist FF165

Cpp A copy of the Decus cpp, ported to the Amiga. This cpp is more powerful and complete than either of the built in cpp's in Manx or Lattice C. A modified version of the UNIX like cc frontend, for Manx C, that knows about the cpp is included. It has had some ANSI features added. Includes source. cpp by Martin Minow, cc by Fred Fish; Olaf Seibert FF338, FF28

cpri cpri shows and adjusts priority of CLI processes in C source code and executable. AM11

CPU Two programs, one in C and one in assembler, which check for CPU type. This version can detect 68000, 68010, 68020, and 68881 processors. Includes source. Author: Ethan Dicks, based on WhatCPU by Dave Haynie FF329

CpuBlit CpuBlit replaces the system BltBitMap routine with a version that uses your 68020/68030 when it is worthwhile to do so. This results in text scrolling twice as fast as usual, and in addition, the color flicker effect normally present when scrolling multicolor text is removed. Version 1.0, includes source. Author: Eddy Carroll FF528

CPUClr A small hack, inspired by CPUBlit, that replaces the BitClear routine of the graphics library with a highly optimized 68020 (or higher) routine. This results in about a 60% speed up on a 68020 and should be even more on a 68030/68040. This is version 3.20, an update to version 2.0 on disk number 709, includes source. Author: Peter Simons FF852, FF709

CpuClr A hack in the spirit of 'CpuBlit'. Replaces the BltClear() call in graphics.library with an 68030 optimized processor routine. Includes source in assembly. Author: Oliver Wagner FF684

CPUSet A small assembler utility to manipulate the various cache modes of the 68040 68030 and 68020 processors. The copyback mode of the 68040 is also supported. The program can operate from the CLI with single or multiple parameters or from Workbench via gadgets. Is compatible with Kickstart 1.3 or V2.04 and requires no external libraries or setpatch commands for the 68040 processor. This is version 1.5 an update to version 1.1 on disk 571. Includes source. Author: Nic Wilson FF583, FF571

CPUStandoff This cute 'computer wars' animation is Bob's entry to the 1989 BADGE Killer Demo Contest. Lots of visual jokes in this one. Binary only. Author: Bob Janousek FF271

CR2LF Converts carriage returns to line feeds in Amiga files, C program. AM3

CrazyEight Card game based on the children's traditional favorite. AM3

Crc Two programs that are very useful for generating 16-bit CRC listings of the contents of disks, and verifying that a given disk's files still compute to the same CRC's as listed. Version 1.0, binary only. Author: Don Kindred FF133

CrcLists Complete CRC check files for disks 521-710 using the brik program. These were made directly from my master disks. Along with the CRC lists from disks FF527 and FF 401, these lists will allow you to check all of the disks in the library to make sure they are correct and complete. Author: Fred Fish FF719, FF525, FF474, FF401, FF293, FF233, FF173, FF146, FF133

creaport.c Create and delete ports. C program. AM4

creastdi.c Create standard I/O requests. C program. AM4

creatask.c Creating task examples. C program. AM4

Create A replacement for the 'makedir' command. It can create dir- ectories and files. Useful for some editors and other pro- grams that allow you to you define a file to load at start- time. In this case files can be created before calling these programs that usually give you nervous requesters on non- existing files. It accepts multiple files and directories, and is also useful for batchfiles. OS 2.xx only. This is version 1.1, freeware, binary only. Author: Hans-Peter Guenther FF750

Creative And Time-Saving Techniques: Enchancing and fine-tuning images through definition. Part of the Fractal series. Author: Paul Castonguay. AC13

Cref A C cross referencer program. Prints out your code with line-numbers and complete key-word cross-referencing. Update from version on FF 103 which had a serious bug. Includes source. Author: Mike Edmonds; Amiga port by Joel Swank FF166, FF103

Cribbage Another game in ABasiC by the author of Monopoly. Author: David Addison FF28

crlf adds or removes carriage returns from files. In C source code and executable. Documentation included. AM14

CRobots A game based on computer programming. Unlike arcade type games which require human input controlling some object, all strategy in CRobots is condensed into a C language program that you design and write, to control a robot whose mission is to seek out, track, and destroy other robots, each running different programs. All robots are equally equipped, and up to four may compete at once. This is version 2.3w. Binary only, source available from author. Author: Tom Poindexter, Amiga by David Wright FF345, FF331, FF311

Cross A program that creates crossword puzzles. Has a message data file to allow easy translation into almost any human language, with English and German currently supported. This is version 5.1, an update to version 4.1 on disk 537. Includes source in M2Amiga Modula-2. Author: Jurgen Weinelt FF873, FF537, FF464

CrossDOS A 'tryware' version of a mountable MS-DOS file system for the Amiga. This is a software product that allows you to read and write MS-DOS/PC-DOS and Atari ST formatted disks (Version 2.0 or higher) directly from AmigaDOS. This tryware version is a 'readonly' version, which does not allow any writes to the disk. A fully functional version is available for a very reasonable price from CONSULTRON. This is version 4.00b, an update to version 3.05b on disk 252. Binary only. Author: CONSULTRON, Leonard Poma FF382, FF252, FF240

CrossFade Interesting screen hack that smoothly crossfades between screens. Includes source. Author: Dallas J. Hodgson FF572

CrossMaze A crossword puzzle game where the player is given the words but no clues. The object is to find a way to place all the words back into the puzzle. Options include 10, 20, or 30 word games with one or two players. Version 1.0a, an update to version 1.0 on disk 694. Binary only. Author: James Butts FF705, FF694

Crunch Removes comments and white space from C files, in source code and as an executable, a C program. AM8

Crunchy Frog II: Adding windows and other odds and ends. Author: Jim Fiore AC10

CryptoKing A game for those who like to solve Cryptograms, (those coded sentences that have to be decoded to be read). Operate with keyboard or mouse. This is Version 1.1, an update to Version 1.0 on disk 609. Shareware, binary only. Author: Robert Bromley FF710, FF609

Cryptor A program that encrypts and decrypts data (files). It uses a mathematical algorithm with password key protection. Has both English and German versions and documentation. This is version 1.0, binary only. Author: Thomas Schossow FF480

Crystals A computer simulation of three-dimensional crystal lattices which permit you to observe stereoscopic views of any of the fourteen Bravais lattices with a variety of orientations while rotating and posititioning them in real time. The frame rate is between 10 and 30 frames per second depending upon the options selected and the Amiga being used. It is primarily intended for educators and students in physics chemistry and geology. It is most suitable for use in conjunction with a course in solid state physics or a course in crystallography. Version 2.15 shareware binary only. Author: David McKinstry FF590

Csh Replacement for the Amiga shell, similar to UN*X csh. Main features include over 100 built in commands, 70 functions, new system variables, file name completion, freely programmable command line editing, file classes, auto cd, lazy cd, intuition menus for the shell window, automatic RX-ing, local variables, $( ), statement blocks, high speed, plus much more. This is version 5.31, an update to version 5.19 on disk 624. Includes source. Author: A. Kirchwitz, U. Dominik Mueller, C. Borreo, S. Drew, M. Dillon FF889, FF624, FF512, FF458, FF331, FF309, FF223, FF199, FF145, FF107, FF85, FF55, FF48, FF41, FF36

CSquared Implementation of Circle Squared algorithm from Sept '86 Scientific American 'Computer Recreations' column. Produces wildly colorful but mathematically precise patterns. By Bill DuPree FF38

Ct An Amiga program to display images from a CT scanner, along with several new interesting sample images of scans of real people. The display software, though it has a primitive user interface, is quite powerful, including functions like convolutions, averaging, laplacians, unsharp masking, edge detection, gradients, etc. This is version 2.2, an update to the version on disk 137. Binary only. Additional image disks available from author. Author: Jonathan Harman FF235, FF137

CTags Create a tags file from the specified C, Pascal, Fortran, YACC, lex, or lisp sources. A tags file can be used by a cooperating editor to quickly locate specified objects in a program's source code. Berkeley V4.7, with source. By Ken Arnold, Jim Kleckner, and Bill Joy Ported to Amiga by G. R. (Fred) Walter FF197

CTimer A pair of programs for use with Sys1.3 and Sys2. CTimer will measure the execution time of any section of code from a complete program down to a single line. Freeware, includes source. Author: Chas A. Wyndham FF817

CType Another text file reader, but this one is small, reasonably fast, and includes bi-directional scrolling, search, go to a given percentage, and printing capabilities. Version 1.0, includes source in assembly. Author: Bill Nelson. FF237

Cube An animated Rubik's Cube simulator, solver, and tutorial. It uses two solving algorithms, one which can be applied by a human using simple rules, and another that is too complicated to be used except by a computer. Shareware, includes source. Author: Martin Gitelson FF733

Cube4 A 3-dimensional version of 'zeros and crosses' on a 4x4x4 board which can be inspected from all sides. It is possible to change the skill of the computer game take back moves change sides and abandon. Version 1.2.1 binary only. Author: Joachim Tuckmantel FF594

cubes1 One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

Cucug This animation of the Champaign-Urbana Commodore Users Group logo was submitted to the 1988 Badge Killer Demo Contest by Ed Serbe. FF213

Curses A link library containing many of the terminal independant standard 'curses' functions. Designed primarily for those interested in porting UNIX screen based programs to the Amiga. Version 1.22, an update to version 1.10 on disk 391. Includes source and examples. Author: Simon John Raybould FF439, FF391

Cursor A 3-pass BASIC Compiler for BASIC programs written in AmigaBASIC, does not yet support all of the BASIC commands but is able to compile itself. This is version 1.0, includes source. Author: Jurgen Forster FF347

CustReq A glorified ASK command for your startup-sequence. It generates a requester with the specified text, positive and negative gadgets (either of which can be the default), and an optional timeout value. This is version 4, an update to the version on disk 242, binary only. Author: Jonathan Potter FF412, FF242

CutAndPaste Public domain implementations of the UNIX cut and paste commands. Includes source Author: John Weald FF97

cutpaste One of the many basic programs from FF13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

CWDemo Demo version of a pop-up utility to control the color register assignments of Intuition custom screens. V3.2, an update to FF238. Binary only. Author: Kimbersoft FF283, FF238

CWeb A programming tool that allows you to program top down, by splitting your program into many small, and understandable modules which 'ctangle' tangles into a compiler understandable file. By applying 'cweave' to the program you can produce a pretty-printed listing for processing with 'TeX'. This is version 2.7, an update to version 2.0 on disk 551, now with full ANSI and C++ support. Includes source. Author: Donald Knuth, Silvio Levy, port by Andreas Scherer FF848, FF551

CWToy A program like Say or SpeechToy that allows your Amiga to communicate in International Morse Code. A lot of nice features for code practice or with a simple hardware interface even useful as a keyboard program for your transmitter. Version 1.0, includes source in C. Author: Rob Frohne FF517

CxPak A set of five commodities: AutoClick -a window activator; WClose -close windows easily; WCycle -cycle screens or windows; WDrag -drag windows without having to find the title bar; WSize -resize windows without having to find the sizing gadget. Version 1.0, includes source in assembly. Author: Pierre-Louis Mangeard FF904

CyberCron A cron utility for AmigaDOS 2.0. Uses the new, more flexible, AmigaDOS 2.0 technique for running programs. Offers an extended set of options that may be specified for any given event. Version 1.5, an update to version 1.3 on disk 682, and includes various bug fixes, code tweaks, four new ARexx commands, documentation in AmigaGuide format, and more. Includes source. Author: Christopher Wichura FF801, FF682, FF656

CyberPager The CyberPager software allows one to send alpha-numeric pages from one's Amiga. This is accomplished by dialing into an IXO protocol compliant pager central and uploading messages. Features include: Alias files for commonly paged people to be referred to by name rather than cryptic PIN numbers; 'Groups' file allowing messages to be easily sent to many people working on the same project, same department, etc; Supports multiple pager centrals through a Services configuration file; Full logging of messages spooled, dialout attempts, etc. and much more. Requires AmigaDOS 2.0+, includes source. Author: Christopher A. Wichura FF907

CyberX10 A program that can be used to control the CP290 home computer interface for use with the X10 home automation system. It requires KickStart 2.04+ and supports localization under WorkBench 2.1+. Includes documentation in AmigaGuide format. Includes source. Author: Christopher Wichura FF801

Cycles A simple but enjoyable game apparently inspired by the cycle game in the movie 'Tron'. Version 1.0, binary only. Author: John G. Gilmore FF78, AM22

CyclicSpace A Griffeathian cyclic space generator program.

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Implements a cellular automaton as described in the August 89 issue of Scientific American. V 1.42, includes source in assembly code. Author: A. J. Brouwer FF255

Cycloids An updated version of the hypocycloids (electronic spirograph) program first released on FF27. By Terry Gintz FF49

CygCC: An ARexx programming tutorial. Author: Duncan Thomson. AC11

CygnusEdDemo Demo version of CygnusEd, an editor from CygnusSoft Software. CygnusEd supports simultaneous editing of multiple files, multiple views of the same file, very fast display, margins, word-wrap, status-lines, insert/overstike mode, online help, soft scroll borders, screen overscan, adjustable tab size, macros, text formatting options, block/line/word cut/copy, and more. Also includes demo 3.0 version of MandFXP Binary only. Author: CygnusSoft Software FF95

Cyrillic Cyrillic (Russian) 12-point font. Author: Elaine and Timm Martin FF427

CyroUtils Four handy animation utilities from Cryogenic Software. Includes an animation creation tool that allows you to combine selected pictures into a standard animation, an animation information tool that is used to extract certain information from a given animation, an animation combining tool that allows you to join two animations into a larger one, and an animation splitting tool that allows you to split one animation into two smaller ones. Binary only. Author: Cyrogenic Software FF428

CZEd A complete midi package for use with all Casio CZ synthesizers. Contains a full fledged sound editor, a split simulator for CZ-101/1000/230S, a bank loader and a memory dump for CZ-1. This former commercial package is now shareware. Binary only. Author: Oliver Wagner FF323

D110EdDemo Demo version of an editor for Roland D-110. Bulk dump is available. Edited parameters are not submitted to Roland D-110. Author: Dieter Bruns FF515

D2D-Demo Demo version of Disk-2-Disk from Central Coast Software (submitted by George Chamberlin). Binary only. Author: Central Coast Software FF82

DA 'Digital Aesthetics'. A program that provides you with a soothing audio environment in which to work, similar to the cd's/tapes available of rainstorms, ocean surfs, rivers, etc. The sounds are contained in modules called 'EMods', short for Environment MODules. With DA, you can control various aspects of these EMods, and link EMods together in a list to be played in sequence. Two short EMods are provided, with more available when you purchase the registered version. Version 2.5, OS2.x required, binary only. Author: Greg Grove FF896

dadc A digital computer impersonating an analog clock impersonating a digital clock. Author: Perry S. Kivolowitz FF6

Daisy Example of using the translator and narrator devices to make the Amiga talk. It is written in C. AM24

Dan Kary's C structure index program. In C source code and executable. Documentation included. AM14

Dance These two programs, 'dancing polygons', are John's entry to the Badge Killer Demo Contest. They are variations of one another, but demonstrate the range of colors available on the Amiga. Includes source. Author: John Olsen FF126

Dark A small graphics and animation demo. Includes source. Author: Phil Robertson FF162

dart One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

DAsm A multipass, symbolic, macro assembler for multiple target machines, including 6502, 68705, 6803, and 6811. Supports conditional assembly, addressing mode overrides, arbitrary number of named segments, pseudo-ops for repeat loops, data generation, etc. Version 2.12, includes source. Author: Matt Dillon FF287, FF169, FF167

Databench Databench is a new low-cost Database with some nice features like fast search, filter, password, import/export and more. Includes both English and German versions. Demo version only, binary only. Author: Eric Hambuch / APC&TCP Vertrieb FF820

DataEasy An easy-to-use data base program which includes a phone dialer, speech output, a simple screen editor for making and modifying the database definitions, a screen print function, form letter printing, sorting, searching, and two small sample databases. Version 1.3, an update to version 1.1 on disk 417. Binary only, source available from author. Author: J. Dale Holt FF526, FF417

DataFiler A database for names, addresses, phone numbers, etc. Has search and print capabilities. Version 1.01, binary only. Author: Ken Winfield FF721

DataPlot A program that plots data and algebraic functions in 2D. The user simply clicks on an option screen to select various options such as type of marker log or linear axis auto vs manual scaling gridlines. The macro language makes similar repetitive plots easy to do. Data points can be transformed by an algebraic function prior to plotting. A macro can be automatically executed upon startup-up. Plots in any resolu- tion from 320x200 to 640x400. Plots can be saved as macro commands and IFF ILBM files. Prints directly to Epson compa- tible printers or to any Preferences supported graphics printer via the PLT: device. This is version 2.16 which now includes a Legend command and is now freeware. Fixes several bugs including the optimizer for DrawFunction. Update to version 2.1 on disk 532. Source available from the author. Author: J. Dale Holt FF575, FF532, FF121

DataPlot DataPlot is a very special function 'plotter'. It does not really plot the data but it creates a '.dat' file containing the function which you typed in and the corresponding values that have been calculated. The '.dat' file can then be read in by 'MultiPlot' (from AmigaLibDisk 467) so that you can manipulate the data with much more powerful functions than most normal function plotter programs offer. This is version 1.00. Public Domain. Source in C included. Author: Stefan Zeiger FF584

DataToObj A utility to convert raw data files (sprites, image data, text, etc.) directly into object code which can then be linked to the main program without the need to go through the compiling process. Includes source. Author: Werner Gunther FF172

date One of the basic progs. on FF13 Grab Bag. It is not certain which of the two early basics this program used. FF13

Date2Day A simple program that gives the day name for the date selected by three gadgets. Uses GadTools library, so requires AmigaDOS 2.04 or higher. Version 0.1, binary only. Author: Gérard Cornu FF826

DateCheck A Rexx program that validates the system date by comparing it to the date stored when DateCheck was last executed. If the system date is earlier or too much later than the stored date, the user is notified by a requester. Version 1.01. Author: Michael Tanzer FF793

DateRequester A module that provides Intuition based support for soliciting a date value from the user. It supports both point-and-click selection of date values and direct entry of the individual components. It also includes a standalone ARexx driven date requester program which can be called from ARexx macro files. Includes source. Author: Mark Rinfret FF276

Day2Day A small program which can calculate the number of days between two dates. Very useful, if for example, you want to know how many days you have been alive. This is version 1.0. Includes source in assembler. Author: Preben Nielsen FF543

Dazzle A Graphics demonstration which produces patterns based on mouse movements. Executable program. AM9, FF15

bBaseIII An easy to use, versatile, yet full featured database program that will run on any Amiga. Search or sort on any field, print mailing labels, (un)delete records, mail merge, get reports in many formats, scramble files, flag records, and more. Fields are user-configurable, so bBase can be used to keep track of addresses, tape or video collections, recipe files, or anything else you can think of one program does it all! bBaseIII is a greatly enhanced successor to bBaseII. Version 1.3, an update to version 1.1 on disk number 760. Shareware, binary only. Author: Robert Bromley FF878, FF860, FF710

DBB Digital Breadboard is a full GUI digital logic circuit simulator. Digital Breadboard currently supports 2 and 3 input AND, OR, NAND, and NOR gates, NOT and XOR gates, D, JK, and SR edge-triggered flip-flops, multiple independant clocks, switched and pulsed inputs, outputs, Vcc, GND, independant 4-channel oscilloscope, event counters, variable speed timer, preferences printing, and more. Requires AmigaDOS 2.x. This is version 1.1, freeware, binary only. Author: Dan Griffin FF844

Dbuf.gels Sample program that demonstrates the animation routines for Bobs and VSprites. Uses double buffering to smooth the display motion Author: David Lucas FF33

DBuff Source code with a small demo to implement double buffering by adding a second ViewPort to an Intuition screen. Version 1.3, an update to version 1.0 on disk 599. Includes C source. Author: Andrew Martin, SciTech Software FF737, FF599

Dbug Machine independent macro based C debugging package. Provides function trace, selective printing of internal state information, and more. This is an update to the version released on disk 102, and now includes a machine independent stack use accounting mechanism. Includes source. Author: Fred Fish; profiling support by Binayak Banerjee FF232, FF102, FF41, FF2

DC A handy program for people who use an Amiga 1020 5 1/4 inch drive as an AmigaDOS floppy. A Workbench program that sends a DiskChange signal to the operating system: Instead of typing 'diskchange df2:' over and over again, just click on the icon. C source included. AM26

DC10 An AmigaBASIC DC-10 instrument flight simulator. Appears to be quite in-depth with flight-planning and take-off options along with an extensive documentation file. Requires rebuilding on a separate disk and was successfully done so by following the author's instructions in the ReadMe_First file. Author: Jan Arkesteijn FF150

DCDemo A demo version of DiskCat 2.3, a disk catalog program. Demo is limited to cataloging 100 files at a time. Binary only. Author: Ed Alford, MicroAce Software FF98

DClock A Dumb Clock utility that displays the date and time in the Workbench screen title bar. Includes an ARexx interface. This is version 1.29, an update to version 1.27 on disk 388. Includes source. Author: Olaf Barthel FF398, FF388, FF325, FF298

DCmd A utility that monitors a CLI's console IO and copies it to a user specified file. The console IO is unaffected by this monitoring. Version 1.00, includes source. Author: Matthew Dillon FF408

DCmp A utility that allows you to compare two disks block by block. Written in order to check the reliability of the Video-Backup- System, (VBS), DCmp can create a file containing a list of differing sectors which can be used in conjunction with a disk-editor to correct the defects. Version 1.51, an experi mental release. Works with all Amigas using Kickstart 1.3 or higher and supports req[tools].library. Also comes with FCmp, a file compare utilility. Includes C-source. Author: Tobias Ferber FF859

DD A directory scanner, something like DIR or LIST, but it does much more. It can use many different types of file lists, sort file lists, analyse file contents, display statistics, search for identical files and so on. Version 1.0, binary only. Author: Martin Mares FF907

DeafLab A program which translates text into hand signs for the deaf. Can be used to directly communicate with a deaf person that has trouble reading text, or used as a teaching tool for learning handsigning. Version 1.7, shareware, binary only. Author: Gary Creighton FF494

Debt A calculator suitable for dealing with numbers the size of the national debt. Will accept two 60 digit numbers and come up with a 120 digit answer. Includes source. Author: Martin Gitelson FF740

Debug A symbolic debugger for the Amiga. Features include symbolic disassembly, simple expression parsing, multiple breakpoints, memory fill, memory dump, single step in trace mode, skip over subroutines, etc. V2.10, binary only. Author: Jim Thibodeau and Larry LaPlume FF251

DebugUtils Some tools for use in debugging applications. When used with Enforcer and Mungwall, they comprise an integrated set that gives the programmer a powerful and flexible debugging aide. Author: Mark Porter FF663

DeclGEL An assembler program for stopping 68010 errors. In C source code and executable program. With documentation AM9

DeclgeI A software fix for programs that use instructions which are priviledged on the 68010/020/030. Update to the version on disk 18. Includes source in assembly. Author: Byrce Nesbitt FF454

DeckBrowser A freely redistributable player for unbound CanDo decks. Version 1.5, binary only. Author: INOVAtronics FF530

decvnt Opposite of CONVERT for cross developers. C program. AM1

DeepSky A database containing information on 10,368 non-stellar objects, 600 color contrasting easily resolved double stars, 70 stars for setting circles, and misc white dwarfs, red stars, binaries, etc. The database is distributed in zoo format, yeilding 1.2 Mb after extraction. V 5.0. By Saguaro Astronomy Club FF219

Defdisk CLI utility to re-assign a new Workbench disk. In C source code and executable. Documentation included. AM18

DefPubScreen A little wedge that makes the front-most screen the default public screen. If the front-most screen isn't a public screen, nothing changes. It wedges into the vertical blanking interrupt server chain and watches Intuition's record of the front most screen. When the front-most screen changes, the main task is signaled and responds by making the front-most screen the default public screen if possible. This is all totally transparent and happens very quickly, and is very handy for people who have seperate screens for Shell windows etc. Version 2.00, binary only. Author: Matt Francis FF910

Deft A program to change the default tool of project icons. Will search through a disk or directory, finding all icons that contain a specified default tool and change that tool to a different one. It is useful for changing the default tools of all the doc files on disk to your favourite text reader, for example. Version 1.0, binary only. Author: Gary Smith FF739

DefTool Programs that allow you to easily change the default tool of one or more project icons, from either the CLI or from Work- Bench. The WorkBench version is a commodity. Binary only. Author: Robert Lang FF719

Degas.pic A Degas dancer IFF screen. AM6

Degas2.pic A Degas dancer.IFF screen. AM6

Degas3.pic A Degas dancer. AM6

Degas4.pic A Degas dancer. AM6

Degrader Degrades your machine to try and get badly written programs to work. Allows you to block memory, add non-autoconfig memory at reset, turn audio filter on or off, intercept privilege violation errors, switch off cache/burst modes and can slow down a fast machine. Also can swap the boot drive and force 50Hz or 60Hz. Will do things straight away, after one reset or after every reset. Version 1.30, an update to version 1.00 on disk number 562. Binary only. Author: Chris Hames FF866, FF562

dehex Simple little program to convert hex format file into a binary file. Reads lines of hex characters on stdin and writes 8 bit dehex'd bytes to stdout. Author: Fred Fish FF10

Deksid A disk and file hexadecimal editor. Useful for editing binary files. Version 1.10, shareware, binary only. Author: Christian Warren, Marc Dionne FF441

DeliTracker A powerful and system friendly music player. Features include configuration files, GUI, full ARexx control, flexible player interface and xpk support. DeliTracker will play all popular sound modules available on the Amiga. Currently it supports over 40 different module formats. The most important players (PT/ST/NT) are internal. Additional players (like MED, 8SVX, SMUS, ...) may be loaded from disk. Includes the source of nearly all external 'deliplayers'. Version 1.30, shareware, binary only. Authors: Peter Kunath and Frank Riffel FF748

DeluxeBeep A little program that uses the exec SetFunction call to play a sound sample of your choice whenever a program calls the Intuition DisplayBeep routine. Includes source and instructions on how to install your own sounds. Author: Jan van den Baard FF435

DeluxeChanger Converts binary files to assembler, basic, or C source code data initialization statements. It is useful to add graphics or sound samples to programs as initialized data. Version 1.0, includes source in assembler. Author: Andreas Ropke FF439

DeluxeDraw The drawing program from AC v1.3 in AmigaBASIC. AM8

DeluxePacMan A pacman type game. Commercial quality, with excellent graphics and responsiveness. Automatically adjusts to either PAL or NTSC. Can be controlled with a joystick, mouse, or keyboard. Written in assembly. Version 1.4, an upgrade to 'PacMan' on disk 717. Shareware, binary only. Author: Edgar M. Vigdal FF867

DEM A program to compute mandelbrots via the Distance Estimator Method, as described in the book The Science of Fractal Images by H. O. Pietgen and D. Saupe. It is used to make high resolution black-and-white images. This

is a batch mode type program so several images can be generated, one after the other, without any human interaction. Includes source. Author: Lars Clausen FF303

Demo Multiwindow demo. ABasiC program. AM1

DEMOlition Another neat little display hack. In the spirit of these things, ya gotta run it to find out what it does. Includes source. Author: Kriton Kyrimis FF89

Demon This program implements the Demons cellular automaton as described in the August, 1989, issue of Scientific American. Using extremely simple rules it exhibits rather complex behaviour. Includes source. Author: Lars Clausen FF303

DeskJet A CLI/Workbench interface to control a Hewlett-Packard Desk- Jet 500 printer, enabling the user to select an internal font to print one or more files, or to initialise the printer. This is version 2.16, an update to version 2.10 on FF539 (where it was called PF). Includes source in SAS C. Author: Maurizio Loreti FF663

Detache A very small and simple utility that will detache a file from the file system. Note that this is completely different than deleting a file. In particular, Detache works even if the file system did not restart properly because of a failed validation. This happens rather frequently if the Amiga crashes during a write on a hard disk partition: you get the dreaded 'checksum error on block xxx' requester, and no writes are allowed to the partition. If you know the name of the guilty file (the file the faulty block belongs to) you can simply detache it, and the file system will be happy to restart. Requires OS2.04, binary only. Author: Sebastiano Vigna FF773

DevKit A collection of C and ARexx language programs to facilitate the software development process. With DevKit, you can launch your compiler from within your editor, have the cursor positioned on your errors, look up the autodoc page for any Amiga function at a single keystroke, find a system structure within the include files, or find any function in the code you are writing. Version 1.2, includes source. Author: Peter Cherna FF297

DevPatch A program that installs a patch for OpenWindow to check the NewWindow structure. If the title matches a specific string, the height will be forced to 45 pixels. This helps to reduce chip memory usage for programs that open overly large windows and then seldom use them. Includes source. Author: Jorrit Tyberghein, Nico Francois, P. Marivoet FF332

DevRen A DEVice RENamer, originally designed to allow the renaming of an external drive on an A2000 (always recognized as DF2:) to be DF1: However, works with any mounted device such as RAD: RAM: RAW: CON: etc, as long as the original and renamed version have the same character length. Version 1.5, includes source. Author: Stefan Rosewig FF378

Devstat Assembly code example of locating and listing information about all mounted devices. Includes source. Author: Fabrice Lienhardt FF292

dex Program to extract documentation in a human readable format inside source files, and produce nroff style output for manuals and other such external documents. First ever public release. Author: Fred Fish FF14

DezHexBin An intuition based programmers tool to convert integers between decimal, hexadecimal, and binary. Very small. Version 1.1, includes source in assembly code. Author: Michael Djavidan FF321

DFA NOT just another address utility. DFA(ddress) features email support, dialing, different types of printing addresses, full commodity support, application icon, Arexx port, font sensitive windows and can be fully directed by the keyboard. This is version 1.23, lots of enhancements and bug fixes since version 1.1 on disk number 782. Shareware, binary only. Author: Dirk Federlein FF874, FF782

DFC Disk Format and Copy program. A nice, general purpose, disk formatter and copier. This is version 5, an update to the version on disk 131. Includes source. Author: Tom Rokicki and Sebastiano Vigna FF447

Dfc Copies disks like Maurader, but multitasks. Replaces both diskcopy and format but is smaller than either. It even has a nice little Intuition interface. Includes source. By Tomas Rokicki FF131

DFrags Disk Fragmentation reporting utility. Displays disk fragmentation for both floppy and hard disk devices. Does not attempt to change any data, just gives a report. Version 2.02, shareware, binary only. Author: Custom Services FF461

DFrame This utility helps you create animated bobs. It installs itself in DPaint II, after which you can draw each bob in DPaint II within its own frame and check the animation by calling DFrame from within DPaint. V1.02, binary only. By Jan Buitenhuis FF221

Dg210 Data General D-210 Terminal emulator. Suggested $12 donation Author: Steve Lenz FF40

DGCS Deluxe Grocery Construction Set, simple Intuition-based prog for assembling and printing a grocery list. AM24

dhrystone Dhrystone benchmark program. Author: Reinhold Weicker (Ada version) Rick Richardson (C version) FF1

Diamonds Drive your little thief buggy around the screen and try to pick up the diamonds while avoiding all the nasties on the screen. Freeware. Binary only. Author: Harshy Wanigasekara FF660

DICE Dillon's Integrated C Enviroment. A C frontend, pre-processor, C compiler, assembler, linker, and support libraries. Features include ANSI compatibility, many code optimizations, and autoinit routines (user routines called during startup before main is called). This is version 2.06.21, an update to version 2.06.15 on disk 466. Includes bug fixes and experimental dynamic object module loading support. Shareware, binary only. Author: Matthew Dillon FF491, FF466, FF443, FF359

Dick2RAM 2 programs to move the Scribble! spelling dictionary to and from the RAM disk. AM26

DIEd A full-screen ANSI editor including an animation utility. Provides PAL and NTSC compatibility. Many useful features such as horizontal and vertical block cut/pasting operations, line/block/screen centering, save defaults and more. Version 2.4, binary only. Author: P-E Raue FF388

DietAid Diet planning aid to allow the user to compile lists of ingredients (recipes) and automatically compute calorie totals, etc. Update FF36. V3.1, binary only. by Terry Gintz FF179, FF36

Diff A simple version of diff. Update to version on FF75, includes source. Author: Erik Baalbergen FF87, FF75

Diff Port of GNU Diff, containing 'cmp', 'diff', 'diff3', and 'sdiff'. Provides all the features of BSD's diff plus options to diff non-ASCII files, to ignore changes that just insert or delete blank lines, to specify the amount of context for context diffs, plus more. Version 2.1, an update to version 1.10 on disk 281. Includes source. Author: Mike Haertel, et. al. Amiga port by Carsten Steger FF821, FF281, FF231, FF138, FF107, AM11

DiffDir Compares the contents of two directories, generating a list of differences to the standard output. Detects files or directories present in one hierarchy but not the other, file attributes that are different (dates, flags, comments, etc), and differences in file size. Version 1.1, an update to FF188. Includes source. Author: Mark Rinfret FF281, FF188

DifSsed Dif produces a difference file which lists the line by line differences between any two text files. These differences can be fed to ssed (a stream type editor), along with the original text file, to remotely reproduce the other (new) file. Binary only. Author: Chuck Forsberg, Amiga port by Rich Schaeffer FF51

Digitized Sound: Using the Audio.device to play digitized sounds in Modula-2. Author: Len A. White AC3

Diglib An Amiga device independent graphics library for fortran applications. This is an enhanced and debugged version of a public domain library, the development of which was sponsored by the US Government. This library is required for part of the Matlab package, also included on this disk. This is an update to the version on disk 267. Includes source in FORTRAN. Author: Hal Brand, Craig Wuest, James Locker, Mike Broida FF499, FF267

dimensions Programs to demonstrate three and four dimensional graphics. Not quite sure how else to describe them! Author: Anselm Hook FF14

DImpWin A GUI interface for Disk-Imploder (included) by A.J. Brouwer. DImp is one of the most efficient disk archivers available for the Amiga. It offers 7 different levels of compression, the ability to create self-extracting archives, MULTIPLE CYLINDER RANGES, ability to work with any floppy compatible device (such as RAD: & FMS disks) and it can also add a text file to the archive that will be displayed during extraction. Via the GUI interface, DImp-Win will invoke DImp and tell it what to do. DImp-Win version 1.0, DImp version 2.27. Requires AmigaOS 2.04+. Binary only. Author: Colin Bell (DImp-Win) and A.J. Brouwer (DImp) FF871

Din A library that allows you to share image and text objects between programs. The din.library is ideal if you want to write an editor and a DTP program that can share text, or a drawing program and a DTP program that can share a brush. Requires AmigaDOS 2.0. This is version 1.0, some source included. Author: Jorrit Tyberghein FF414

Dio A module which makes it very easy to use EXEC devices, such as the 'serial.device'. It's generic and can be used with any EXEC device. It allows you to easily open libraries, get multiple IO channels for a device, read, write, do asyncronous operations, etc. Includes source. Author: Matt Dillon FF73

Diplomacy A classic strategy game loosely based on World War I. Designed for several players but can be played by as few as 2. The computer manages the game resolving orders and graphically displaying the current status. Also provides map design capabilities for game variants. Version 2.0 shareware binary only (source available from the author with shareware payment). Author: Steve Douthat FF582

DirectoryOpus A slightly disabled demonstration version of a powerful commercial directory utility. Very user friendly and configurable, with many features. Binary only. Author: Jonathan Potter FF412

DirKing A very powerful replacement for the AmigaDOS 'List' and 'Dir' commands. It gives full control on the format of the directory listing and what information should be printed. The directory can be sorted on any field, or on several fields in the order you want. Supports many filters, such as name and date, and the filters can be made effective on files only, directories only or on both. You can also define a pattern for each level of the directory tree. Has an LFORMAT option which is useful for generating scripts. A unique feature is the ability to monitor the scanning process. English version supplied, German, French and Dutch versions available from the author. Version 2.12e, an update to version 2.11e on disk number 784. Binary only, shareware. Author: Chris Vandierendonck FF859, FF784

DirMaster A very nicely done shareware disk cataloger, submitted by the author for inclusion in the library. This is version 1.1, an update to the version released on disk 108. Lots of neat new features and enhancements. Binary only. Author: Greg Peters FF130, FF89, FF108, AM26

DirUtil An enhanced version of the dirutil from FF35. Dirutil is a program to wander around a directory tree and perform various operations on files. Author: Chris Nicotra, enhancements by Johan Widen FF49, FF40, FF35, AM11

DirUtil2 Another variant of dirutil.Author: Chris Nicotra, enhancements by Ed Alford FF35

DirWork A fast, small, efficient, DirUtility. Configurable options and buttons, as well as all the usual features. Comes with external configuration editor. This is version 1.62, an update to version 1.51 on disk 670. Shareware, binary only. Author: Chris Hames FF721, FF670, FF570, FF511, FF508, FF406

Dis An AmigaDOS shareable library which implements a symbolic single-instruction disassembler for the MC68000 family and a program which uses the library to disassemble/dump AmigaDOS object files, making full use of symbolic and relocation information. With source code in Draco. By Chris Gray FF240, FF160, FF128

Dis6502 A ported 6502 disassembler with support added for C64 binary files. Includes source. Author: Robert Bond, Amiga port by Udi Finkelstein FF170

Disassem A simple 68000 disassembler. Reads standard Amiga object files and disassembles the code sections. Data sections are dumped in hex. The actual disassembler routines are set up to be callable from a user program so instructions in memory can be disassembled dynamically. Author: Bill Rogers, Univ. of WAIKATO (New Zealand) FF27, AM3

DisDF Program to disable DF0-DF3 to stop that empty drive clicking by putting the trackdisk.device tasks in a removed state. Can be run from CLI startup script or WB. Command line options select drives and also remove the File System tasks to reduce CPU load a little more. This is version 1.1 an update to version 1.0 on disk 531. Includes source. Author: Patrick F. Misteli FF558, FF531

DisEditor This is a demo of the dissidents shareware text editor. Version 1.1, binary only. By Dissidents Software FF348

DiskCat catalogs disks, maintains, sorts, merges lists of disk files. AM15

DiskCat DiskCat is a disk cataloger. The files can be organized any way you want. You can make and name any category you care to. Categories and files can be moved. Through menu selection, all disks that are inserted are automatically searched and the useful information copied. A 40 char comment can be entered for each file. The database can be searched and exported. Version 1.3, requires OS 2.04+, binary only, shareware. Author: Kenny Nagy FF889

DisKey A sector oriented disk monitor with lots of useful features like disassembler user-friendly ASCII and hex editing facility and extensive search options. Useful for salvaging data from damaged disks or for learning about the inner workings of AmigaDOS. Supports req.library and external diassembler libraries. Can be iconified to conserve memory. Comes bundled with German and English documentation and a multilingual user interface. On NTSC machines DisKey will be forced to interlace mode. The version on this disk is 2.1 shareware binary only. Author: Angela Schmidt FF564

diskfont.txt Warning of disk font loading bug. C program. AM4

DiskFree An small iconifiable intuition program that shows the amount of free space available on all mounted disk devices, both numerically and graphically. Version 1.0, shareware, binary only. Author: Dieter Kuntz FF324

DiskHandler A sample implementation of a file system that reads and writes 1.2 format diskettes. Includes source. Author: Software Distillery FF236

DiskInfo A program like the AmigaDOS 'Info' command, but it gives more extensive information on the disk (volume) and/or on the device requested. Version 1.00, freeware, binary only. Author: Chris Vandierendonck FF783

diskio.c Example of track read and write. C program. AM4

Diskless Compiler: Setting up a compiler environment that doesn't need floppies. Author: Chuck Raudonis AC3

DiskLib Two utilities for those people who like to split up PD disks into disks of different categories. Includes source. Author: Wilson Snyder FF154, AM19

DiskMan Another 'disk browser and/or dirutil' type program. Version 1.0, binary only. Author: Greg Cunningham FF82

DiskMapper Displays sector allocation of floppy disks. Author: Leo Schwab FF33

DiskMate A disk utility with multidrive disk copier (either DOS or nonDOS disks), disk formatter, disk eraser, disk installer, and floppy disk checker. Version 4.3, an update to version 4.1 on disk number 854. Binary only. Author: Malcolm Harvey FF890, FF854, FF804, FF723

Diskperf A disk benchmark program which runs on both Unix and the Amiga. This is an update to FF48, with bug fixes and more reliable measurements of the faster read and write speeds available under the new Fast File System. By Rick Spanbauer, enhancements by Joanne Dow FF187, FF48

DiskPrint A label database which prints and stores disk labels for 3.5' and 5.25' disks. Primarily created as a combined database and print utility for FD disks, it includes easy-to-use label library functions (like printing labels for a whole FD series in one turn or multiple print of one label) and labels for most FD disks which are available within a few mouse clicks. Features include a fast search routine, user-definable label layout, different label sizes, intuition-based disk directory read-in and a lot more. Very configurable. Works fine with every printer connected to the parallel port and AmigaOS 1.2, 1.3, and 2.x. This version now includes DESKJET support for single label sheets. Includes both English (PAL & NTSC) and German versions. This is version 3.59, an update to version 3.51 on disk 685. Shareware, binary only. Author: Jan Geissler FF844, FF685, FF567, FF546, FF461, FF441, FF433, FF411

DiskSalv A disk recovery program for all Amiga file system devices that use either the Amiga Standard File System or the Amiga Fast File System. Disksalv creates a new filesystem structure on another device, with as much data salvaged from the original device as possible. This is version 1.42, an update to the version released on disk 212. Binary only. Author: Dave Haynie FF251, FF212,

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FF177, FF164, FF20, AM8

DiskSalv2 A disk repair, salvage, and undelete utility for all standard disk devices and file system types. Has a full Intuition interface and runs from Workbench or Shell. It can fix most problems in-place, and can reverse a partial or QUICK format. It can copy out from disks that can't be fixed due to physical damage, with a destination going to any AmigaDOS disk device or pipe (eg, TAPE:). In English, locale catalogs included for Danish, French, German, Italian, Norwegian, Finnish, and Swedish, short manuals in English and Swedish. Extensive update to DiskSalv 1.42 on disk 251. Requires AmigaOS 2.04 or later. Uncrippled Shareware, binary only, V11.27. Author: Dave Haynie FF891

DiskSpeed A disk speed testing program specifically designed to give the most accurate results of the true disk performance of the disk under test. Automatically updates and maintains an ASCII database of disk results for tested disks. This is version 4.2, an update to version 4.1 on disk 574. Includes source in C. Author: Michael Sinz FF665, FF574, FF329, FF288, FF251

DiskTalk A cute little program, like muncho on disk 137, which plays digitized sound samples when you insert or remove a floppy disk. Samples are saved as IFF sound files. Version 1.0, binary only. Author: Nico Francois FF302

DiskTest A utility to test the integrity of floppy and hard disks, a la Norton Utilities. Version 2.10, an update to version 2.03 on disk 828. Requires AmigaDOS 2.04 or later. Public domain, includes source. Author: Maurizio Loreti. FF879, FF828, FF663

DiskWipe Latest from Software Distillery, removes files from directories or disk drives, much faster than 'delete.' AM25

DiskX Nicely done Sector-based disk editor. Binary only Author: Steve Tibbett FF158, FF71

DiskZap Program to 'edit' a disk, sector by sector. Version 1.1. Author: Paris Bingham Jr. FF50

Display Graphics display program to display HAM images from a ray tracing program. Includes some really spectacular pictures Author: Dave Wecker FF39

DispMod One of the series of ROBBS (Rexx Object Building Block System) modules by Larry Phillips. DispMod is a display module that only understands ARexx messages. It allows, under program control, the display of text and the acceptance of keyboard data. V0.11, With source. By Larry Phillips FF326

DisSecretary This program can be used to file information in a 'file cabinet' type environment. It is well suited for jobs such as maintaining a disk catalog, or user group membership, etc. Included is a data file of the library catalog, disks 1 to 310. Version 'Wanda', binary only. By Dissidents Software FF348

DissiDemos Demo of Midi Sample Wrench, which provides pro sample editing features for owners of musical samplers. Version 1.1, binary only. Author: Jeff Glatt FF307

Dissolve A program like ViewILBM, but the image slowly coalesces as pixels are added in random patterns. Inspired by an article in Nov 86 issue of Doctor Dobb's Journal by Mike Morton. Includes source. Author: Lee Robertson FF73, AM15

DisTerm The dissidents telecommunication program. Has built in phone directory requester, autodial, various file transfer protocols, ascii send and capture, full/half duplex, split window, color requester, macro keys, selectable baud, CR/LF expansion, automatically configured per phone entry. Binary only. Author: Jeff Glatt FF462

Division An educational program for kids of all ages that helps to develop and sharpen division skills. Has four levels, a practice section, and a testing section. Version 1.1, binary only. Author: Ken Winfield FF721

Dk A little display hack, inspired by Leo's gems. Written in Modula-2, includes source. Slightly newer than version on FF66. Author: Thomas Handel FF69, FF66, AM18

DKBTrace A freely distributable raytrace program that takes a text description of a 3D scene and renders it to a 24-bit file which may be converted to HAM or viewed on an 24-bit card. The program features sophisticated textures, constructive solid geometry, and various graphics primitives such as quadrics (cones, cylinders, etc.), spheres, planes, triangles, smooth triangles, and quartics (donuts, etc.) Also included are many sample data files and many utilities for creating new data files and for post-processing the output files. Source and executables are included. Because of its size, the distribution has been split onto two disks. Disk 513 contains the raytracer and disk 514 contains the utilities. This is version 2.12, an update to version 2.0 on disk 397. Author: David Buck FF514, FF513, FF397

DM-Maps IFF maps to the Dungeon Master game. All 14 levels are included. Author: Unknown FF240

DMake Matt's version of the UNIX make utility. Features multiple dependancies, wildcard support, and more. This is version 1.0, an update to version 1.0 on disk 246, but now includes source. Author: Matt Dillion FF440, FF246, FF179

DMD A package that adds many powerful features to DME, including outlining and word processing capabilities. Word processing features include spell checking, ANSI code insertion, pagina- tion, double spacing, text justification, requester for in- serting any character, find & replace requester, and intel- ligent paragraph reformatting. Outlining features allow you to write and renumber outlines. Includes many ARexx macros, a large '.edrc' file, a spell checking program, and a dic- tionary. Version 2.00. Author: Fergus Duniho FF645

Dme Version 1.45 of Matt's text editor. Dme is a simple WYSIWYG editor designed for programmers. It is not a WYSIWYG word processor in the traditional sense. Features include arbitrary key mapping, fast scrolling, title-line statistics multiple windows, and ability to iconify windows. Update to version 1.42 on disk number 441, includes source. Author: Matt Dillon FF530, FF441, FF284, FF168 & 169, FF153, FF134, FF113, FF93, FF87, FF74, FF59

DmeAsm A utility for those who use Matt Dillon's Dme editor and HighSoft's DevPac Assembler. DmeAsm is a CLI command file that takes your source code as a parameter and opens a window similar to the Assemble window inside Devpac (Genam2) and gives similar options. If no parameter is supplied then the window will still open and you can supply your own. Version 1.1, includes source in assembly Author: Nic Wilson & W Weber FF365

DMEFReq A tool to replace the arp filerequester calls of dme or other editors with the asl one. It saves the selections to some env variables which can be easily examined from rexx or batch scripts. Includes examples of how to use it in DMe. Requires AmigaDOS 2.04 or higher. Version 1.00, freeware, binary only. Author: Hans-Peter Guenther FF826

DmeMacros A set of DME macros which utilize templates to turn DME into a language-sensitive editor for C, Pascal, Modula-2, and Fortran. Author: Jerry Mack FF146

DMouse A versatile screen & mouse blanker, auto window activator, mouse accelerator, popcli, pop window to front, push window to back, etc, widget. This is DMouse version 1.25, an update to version 1.24 on disk 407. Includes source. Author: Matt Dillon FF421, FF407, FF258, FF238, FF168 & 169, FF160, FF145, FF105

DMS DISK-Masher is a utility that allows users to compress and archive entire floppy disks. Offers four different types of compression, extended virus checking of boot blocks, and data encryption. Requires at least 512K of memory. This is version 1.01, binary only. Author: SDS Software FF406

DNet A link protocol that provides essentially an unlimited number of reliable connections between processes on two machines, where each end of the link can be either an Amiga or a Unix (BSD4.3) machine. Works on the Amiga with any EXEC device that looks like the serial.device. Works on UNIX with tty and socket devices. Achieves better than 95% average throughput on file transfers. This is version 2.32, an update to version 2.10 on disk number 294. Includes sources for both the Amiga and Unix versions. Author: Matt Dillon and others FF897, FF294, FF220, FF145

Do It By Remote: Build an Amiga-operated remote controller for your home. Author: André Theberge AC9

DocDump A print utility that puts 4 pages of text on one sheet of paper, including page-headers. Beside the normal Dump mode, a double-sided Booklet mode is also available. DocDump uses its own printer drivers, making one yourself is easy. Version 3.6, binary only, shareware. Author: Robert Grob FF800

DocDumpDrv More printer drivers for DocDumpV3.6 (FF800). Included are drivers for the HP-Deskjet+, HP-Deskjet500 and HP-Laserjet SeriesII. The Laserjet version uses a softfont, which is included. Author: Robert Grob FF858

DockBrushes Fifty plus 16-color dock brushes for use with ToolManager, AmiDock, or just as Icons. Author: David Voy FF878

DockBrushes Two PAL pictures containing brushes to be used with AmiDock (Shareware program by Gary Knight), or other such utilities. One is in hi-res (640 x 256 2 bit planes), the other in hi- res interlace (640 x 512 2 bit planes). Author: Gérard Cornu FF750

DockIcon Collection of miscellaneous icons with a definite NeXT flavor, for AmiDock, ToolManager, and a new graphical interface under development. Author: Français Pinault FF664

DockImages An ILBM Dock-Images-Picture with a collection of Dock-Images for AmiDock (Gary Knight) or the ToolManager (Stefan Becker) or a similar program. Author: Various, collected and submitted by Wolf-Peter Dehnick FF856

DocPrint This program is a papersaver for those who use fanfold paper in their printers. It is able to print the odd and the even pages separately with pagenumbers and header and footer. Can be called from Workbench or via CLI with textname as argument for use with DirOpus or SID. Can print powerpacked files. All settings can be stored in a config file. Comes in two versions, English and german. Needs AmigaDOS 1.3 or higher, powerpacker.library (included) and PAL-mode. This is version 2.00, shareware, binary only. Written in Modula2. Author: Hartmut Jäger (Bäri-Soft) FF836

DocSplit A program to split the 1.3 autodoc files into individual subroutine files. One file is created for each subroutine, with the name created by appending .doc to the subroutine name. Version 1.0, includes source. Author: Joel Swank FF304

Doctor_A This animation of Amiguy on the basketball court is Marvin's entry to the 1989 BADGE Killer Demo Contest. The animation source (for SculptAnimate-4D) is available from the author. Author: Marvin Landis FF268

Dodge Short Modula-2 program moves the Workbench screen around after a period of time, prevents monitor burn-in. AM25

Dog A puzzle where the object is to push boxes to designated locations. Uses HAM mode and is written in JForth. Relative difficulty for this puzzle is easy, but it will take over a half hour for most people to find the solution. This is version 1.0, binary only. Author: David M Cole FF647

dogstar One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

DogsWorld This animation is Charles' entry to the 1988 Badge Killer Demo Contest. by: Charles Voner FF212

Dominos The standard game of dominos with 6-6 set. The computer will provide quite a challenge to any skilled player. Version 1.0, includes source in Basic. Author: Russell Mason FF501

DonsGenies A collection of more than forty ARexx 'genies' for use with Professional Page, plus some supporting material. Also in- cludes two example ARexx scripts for Art Department Profes- sional. Version 1.0, shareware, includes source. Author: Don Cox FF724

DoPro This program patches the intuition OpenScreen routine to change the ViewMode of a new screen eg. to open a NTSC instead of a PAL screen or to use Productivity instead of an interlaced display. In fact you can change most para- meters in the NewScreen structure. This is version 1.5 includes source. Author: Michael Illgner FF564

DoRevision This program implements easy creation of source code revision headers (very similar to the log headers to be found at the top of the Amiga 'C' include files). Version 1.0, includes source. Author: Olaf Barthel FF325

DosControl A new directory tool that combines the functionality of many separate tools allowing you to control the operation of your Amiga with a single program. Version 3.1 binary only. Author: Uwe Brosch FF607

DOSDev Example DOS device driver in Manx C. Version 1.10, includes source Author: Matt Dillon FF113

DosError A small CLI utility that will return a slightly more verbose description of a DOS error code than that returned by the System. Can save a trip to the manual for vague or unfamiliar error codes. Version 2.0, includes source in assembly. Author: Robert Lang FF366

DOSHelper Windowing program to print help information about various DOS command. Version 1.60. Suggested $10 donation. Author: John Youells FF40, AM14

DOSKwik A pair of programs which allow you to save files, or a group of files, to one or more floppies for quick loading (loading up a RAM disk for example). Does not store files in DOS format, which is why it is faster. Version 2.0, update to version on FF 103. Binary only, shareware. Author: Gary Kemper FF129, FF103

DosManager You can copy, delete, move, view, show as pictures, play as samples, rename, ... , files with this program. It is also possible to program a personal command with Dos- Manager. This is version 1.0, shareware, binary only. Author: Jurgen Stohr FF533

DOSPlus1 First volume of CLI oriented tools for developers. Executables only Author: Bill Beogelein FF32

DOSPlus2 Second volume of CLI oriented tools for developers. Executables only Author: Bill Beogelein FF32

DOSWatch Monitor for calls to AmigaDOS via dos.library. Needs Kickstart 1.2 or 1.3. This is version 1.0. HiSoft Devpac Assembler V1.21 source included. Author: A.Voss Wrede FF501

DoTil Lists, in alphabetical order, all files on any two directories, showing file size, creation date/time, and amount of free disk space. Also copies, renames, or deletes files and/or directories, and moves files from one directory to another. Version 2.0, shareware, author suggests $15 donation. by Dan Franki FF70

Dots-Perfect Printer driver for an Epson MX80 printer with the Dots-Perfect upgrade kit installed. Includes source. Author: Robbie Akins FF108

dotty Source to the 'dotty window' demo on the Workbench disk. Posted to usenet by Dale Luck. FF1, AM1, AM4

Double Playfield: Shows how to use dual playfields in AmigaBASIC. Author: Robert D'Asto AC2

DoubleSquares A game played on a 10x10 board, where the goal is to set as many tiles on the board as possible. There are 100 different color combinations for a single tile, and rules which control where tiles may be place. Shareware, binary only. Author: Manfred Kopp FF702

Downhill A skiing arcade game. Ski skylar mountain, a dangerous, steep, downright scary mountain with bonus flags to pick up, rocks, bushes, and branches to jump over, all while avoiding obstacles such as trees. The longer you stay up the faster you ski and the more points you get. Binary only, joystick required, works only under AmigaDOS 1.3. Author: David Alves FF425

Dozer An IFF picture of a bulldozer. AM7

DPatch This program allows you to change the default overscan sizes used in DeluxePaint 3.25 & 4.02. This is especially useful for loading in old animations created with Dpaint 3.14 and animations created in other programs whose screen sizes do not match the default Dpaint sizes. Author: Colin Bell FF557

dpdecode decrypts Deluxe Paint, demo. AM14

DPFFT An enhanced version of DPlot. DPlot is a simple display program for experimental data, with the goals of supporting paging through lots of data and providing comfortable scaling and presentation. DPFFT includes the ability to plot a Fast Fourier Transform (FFT) of the data, customized amplitude and phase spectrum, prewhitening capability, and a Welch window for spectral smoothing. Update to version on disk number 324. Version 2.2, binary only. Author: A. A. Walma FF364, FF324

DPlot A simple display program for experimental data, with the goals of supporting paging through lots of data and providing comfortable scaling and presentation. V2.0 Binary only. By A. A. Walma FF290

DPS Demo version of a program to take any IFF file and save it as a totally self-contained executable file, without the need for any IFF-viewers. V1.0, binary only. By Foster Hall FF184

Dps A program designed to work with the PrintScript program, a commercial PostScript interpreter for the Amiga, to provide a page previewer. V 1.1 with source. by: Allen Norskog FF209

dpslide A slide show program for displaying graphic images which are in the IFF format, such as output from the

Electronic Arts Deluxe Paint program. Allows the user to select the display time for each slide and the method of bringing the slide up to the screen, and then removing it. Double buffers images to improve smoothness of display. Author: Paul Biondo FF11, AM3, AM6

DPU Disk Peek and Update, a hex disk and file editor. Functions include show device info, show bitMap, check disk, zap file, zap disk, zap fileSystem and zap rigid disk blocks. This is version 1.2, binary only. Author: Frans Zuydwijk FF721

Dr Another alternative CLI directory lister command. This one features extreme optimization for speed, a variety of output formats, hiding of .info files by default, and AmigaDOS pattern matching. It is pure (residentable). It is intended to outperform all other directory listers. Includes the additional utilities ForEvery and Whichever. Release 1.2, includes source. Author: Paul Kienitz. FF429

Draco Update to Chris Gray's Draco distribution for the Amiga.Enhancements include support for floating point, register variables, more optimization, improved call/returnstandard, etc. V1.2 Requires documentation from FF77 to complete the distribution kit. Binary only. By Chris Gray FF201, FF76 & 77

DRAFU 'Draw a function'. Display any mathematical function by itself or overlay on top of a previously displayed function. Can also calculate integrals over those functions. Save the result in an IFF or ACBM file (disabled in this demo version). Many screen mode/display options. Includes an AREXX interface and its own scripting language. Version 0.82, compatible with WorkBench 1.2/1.3/2.0. Binary only. Author: Andreas Kleinert & Ulrich Degens FF854

DragIt Allows you to move or size a window without having to use the drag bar or sizing gadget. Press on the configurable qualifier, while holding it, press your selected mouse button, and move the mouse. You'll see the window border appear, and you'll be able to drag or size it. Requires OS 2.0, supports localization with locale.library and the new style 2.1 (or 3.0) preference. Version 2.01, binary only. Author: Steve Lemieux FF792

dragon One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

DragonCave A nicely done Sokoban like game for the Amiga. Features include sound effects, two or three dimensional graphics, 100 levels (50 of which can be customized with the built- in editor), undo of up to 1000 preceding steps, transparent copying of data files to ram: for reduced load times, both English and German versions, and more. Version 1.00, binary only. Author: Hartmut Stein and Michael Berling FF395

draw One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

DrawMap A program for drawing representations of the Earth's surface. New features include seven new types of map projections, user specifiable point to be at the center of the maps, and box views that can now cross the international date line. Also includes accelerated version requiring a 68020 CPU and 68881 FPU, and versions for PAL systems. Requires 1.5 Mb of memory and a hard disk with 1.6 Mb of free space. Distributed in two parts on two disks. Both parts are required. This is version 4.1, an update to version 4.0 on disks 639 and 640. Includes full source. Author: Bryan Brown. FF719&FF720, FF639 & FF640, FF545, FF441, FF284, FF168 & 169, FF153, FF134, FF113, FF93, FF87, FF74, FF59

Drawmap A program for drawing representations of the Earth's surface. This version includes a completely rewritten user interface and some new functions. Version 2.25d, an update to version 2.0 on disk 315. Includes source. Authors: Bryan Brown & Ulrich Denker FF485,, FF315, FF229

DrChip Four utilities to make your C programming life a little easier. Included are: ccbA C-source code indentation beautifier; flistgenerates lists of functions from either C or C++ files; hdrtagViM, Z, and emacs support tags; toprotoconverts source code to and from old K&R style to the new prototype-using style. Binary only, freeware. Author: Dr. Charles E. Campbell, Jr. FF878

DRED The Disk REDucer. This program allows the user to arrange data on a set of disks using a best fit algorithm. If you have ever found it difficult to figure just which files should go onto which floppy, then DRED is for you! Most of the time (there are exceptions!) you can achieve 99% fullness of floppies/media. Requires kick 1.3 or 2.0. Version 2.003.007, binary only, freeware. Author: Bob Rye, Marcus Mroczkowski and Brett O'Callaghan FF866

DRES V1 Support (run time) library w/ lots of functions including a generic parser & IPC. FF168 & 169

Drip Drip is an arcade style game with 15 floors (levels). You must move along the pipes of each floor and rust them to advance to the next level. Every 3 floors completed will entitle you to a bonus round where extra drips can be won. An extra drip will also be awarded for every 10,000 points. Binary only. Author: Art Skiles FF347

Driver Demo device driver in source. Functions as a RAM disk for demonstration purposes. Author: Lee Erickson FF39

Drivers Printer drivers for the Canon BJ10, BJ20, BJ130, BJ300, BJ330, and the 9 pin Epson mode Star printers. Includes preferences programs for controlling additional options such as margin, timeout, job end signal, arXon switch box, greyscale conversion function, customized tab stops, default typeface, and more. Binary only. Author: Wolf Faust; distributed by Canon Europe N.V. FF696

DriveWars DriveWars is a Shareware shoot'em up game that pits you, df0: or df1:, against a computer virus that is about to destroy all U.S. records of Iraq's positions during operation Desert Shield. In version 1.0, you must fly df0: through the computers and destroy all contaminated chips and disks. Author: Joe Angell FF400

DropBox WorkBench AppIcon Commodity that examines the filename of the file dropped in it, then searches a configurable database for an action to perform on it, such as read, display, edit, unarc, etc. Requires OS 2.04+. Version 1.01, binary only. Author: Steve Anichini FF890

DropCloth DropCloth lets you place a pattern, a 2 bitplane IFF image or a combination of a pattern and image, into the WorkBench backdrop. This is version 2.4. Shareware, binary only. Author: Eric Lavitsky FF201, FF128, FF59

DropShadow Dropshadow version 2, rev 0, for use with Bryce Nesbitt's Wavebench demo. Binary only. Author: Jim Mackraz FF112, F87, FF74, FF59, AM18

DSDemo Demo version of Distant Suns, an Amiga planetarium program that has collected numerous awards. Comes in two versions, one that runs under AmigaDOS 1.3 and uses software floating point, and another that runs under AmigaDOS 2.0 and requires a hardware floating point coprocessor. The demo includes a star database with approximately 3700 stars, some limited lunar images, and Halley's comet. Requires 1 Mb of memory. This is version 4.1, binary only. Author: Mike Smithwick FF643

DSM Dynamic Sound Machine Demo version with 'Save' disabled of a program that will take any IFF sound or raw data and save it as a totally self-contained, runable program. By Foster Hall FF167

DSound DSound is an 8SVX sound sample player that plays samples directly off a hard drive, without having to load an entire sample into memory first, making it possible to play samples of any length even under limited memory conditions. Version 1.30, an update to version 1.20 on disk number 729. This version fixes some bugs and adds a display to the DSound window that shows the length of the sample and the amount played so far, both in minutes::seconds format. Includes source. Author: Dave Schreiber FF910, FF729, FF654, FF546

DT A 'DiskTest' utility for floppy disks, la Norton Utilities. Version 1.12, includes source (SAS-C). Author: Maurizio Loreti FF539

DTC A utility providing a simple calendar which can hold and show appointments. It may be useful in managing your time. Its chief goals were to provide day, week and month at a glance for any date between 1/1/0001 and 12/31/9999, defaulting to the current date. It is menu driven and fairly easy to use. With source in Fortran. By Mitch Wyle, Amiga port by Glenn Everhart FF335

DTerm Small, flexible, terminal program with intelligent data mapping, intelligent keyboard mapping, dynamic menus, intelligent command language, asyncronous IO, duplex control, and a state machine structure allowing you to build any automatic control structure you wish (from auto-redial, sequence dialing, to auto-logon). Version 1.10, binary only. Author: Matt Dillon FF73

DTree Similar to 'Tree' on the IBM PCs, displays a devices' 'Tree' heirarchy. While similar programs exist for the Amiga, they don't use standard input/output. Standard i/o makes many things possible, like piping, i/o redirection, etc. Version 1.0, includes source. Author: Sam Yee FF905

DU A Workbench 2.0-aware DU program. Unlike other Amiga DU programs, it will skip over links to files and links to directories. Not only does this give a more accurate representation of how much space the contents of a particular directory are taking up, it also prevents infinite loops when a directory has a link to one of it's ancestors. Version 1.02, includes source. Author: Dave Schreiber FF496

Du A very small (only 932 bytes) program to display the total disk space used by a directory and all its sub-directories. This is version 2.5, an update to version 1.0 on disk 416. Enhancements include wildcards, totals, clearer output plus the program can be made resident. Requires Kickstart 2.0. Includes source in assembler. Author: Stuart Mitchell FF701, FF416

Du Prints number of disc blocks used in selected files or directories. Modified to make output more readable, and handle ^C exit. Includes source. By: Joe Mueller, enhancements by Gary Duncan FF345

Dual Demo: How to use dual playfields to make your own arcade games. Written in C. Author: Thomas Eshelman. AC7

dualplay.c Dual playfield example. C program. AM4

DualPlayField An example of using a dual-playfield screen, using a method contrary to documentation in the Intuition Manual Author: Jim Mackraz FF41

DuM2 A version of the ever popular directory utility (dirutil) but this one is written in Modula 2 and includes source. Dirutil is a program to wander around a directory tree and perform various operations on files. Version 1.5. Author: Greg Browne FF75

DumpDiff A small utility that prints the hexdumps of 2 files, with all differences between these two files highlighted. Version 1.0, includes source in Modula-II. Author: Fridtjof Siebert FF253

DumpHarpoon Program that dumps the .DAT data files for the game HARPOON. Author: Mark Kyprianou FF525

DungeonMap A little tool that creates maps of dungeons and towns which can be used by a Dungeon Master (DM's) for use in a Dungeons & Dragons (D&D) game. These maps can be saved, edited, and printed. This is version 1.1, an update to version 1.0 on disk number 603, binary only. Author: Bill Elliot FF778, FF603

Durer Draws pictures in the style of Durer. ABasiC program. AM1

Dux5 Latest version of directory utility which is a descendant of the original dirutil program by Chris Nicotra. Includes source. Author: Enhancements and fixes by lots of people FF67

DVI2LJ A cli utility to convert TeX .DVI files into HP PCL files suitable for printing on the HP Laser Jet series printers. Author: Gustaf Neumann, amiga port by Daniel Barrett FF797

dvi2tty A program to convert TeX's dvi output files to ASCII format for printing or previewing on text terminals. Version 4.0, includes source. Author: Svante Lindahl, Marcel Mol, et. al. Amiga port by Martin Hohl FF671

DviDvi Converts a DVI file into another DVI file, with perhaps certain changes. It allows for example printing of two or four pages per sheet of paper or doublesided printing. Version 1.0, includes source. Author: Tomas Rokicki, Amiga-Port and implementation of PasTeX-Support by Jochen Wiedmann FF908

DviHp A printer driver for HP LaserJet (trademark of the Hewlett Packard Company) and compatible printers. It translates DVI files, usually generated by TeX, to a code understood by HP-LJ (PCL printer control language). DviHp supports downloading fonts, which gives you extremely fast output. It allows you to include IFF ILBM files into your documents. Version 1.0, binary only. Author: Ales Pecnik FF892

DvorakKeymap Example of a keymap structure for the Dvorak keyboard layout Untested but included because assembly examples are few and far between. Author: Robert Burns @ Commodore-Amiga FF27

DWFIcons A collection of icons for WorkBench 2.0, including some that are for an interlaced WorkBench. Author: David W. Ferguson FF686

DWFPresets Some OverScan, Palette, Pattern and Pointer presents. Some will look a bit odd in modes other than HiRes-Interlace mode and default colors. If you're using Release 2.04, you'll be able to click on the icons and change the presets without having to use the Prefs tool. Author: David W. Ferguson FF902, FF686

DWIP 'Daisy Wheel IFF Printer'. A graphics printing utility that allows the printing of IFF pictures on a daisy wheel printer. Includes source. Author: Ken Van Camp FF160

DX-Synth Voice filer program for Yamaha DX series synthesizers. Voices are transfered to and from the Amiga over MIDI. Update to 'VoiceFiler' released on FF38. Binary only. Author: Jack Deckard FF82

DX-VoiceSorter To be used with Jack Deckard's VoiceFiler program. (Disk 82). It allows for the sorting of a number of voicefiles stored uring that program into a new voicefile of voices created from various files. With source. By David Bouckley FF149

DX100 Editor/Librarian for the Yamaha DX100 DX21 and DX27 synthe- sizers. Provides voice editing and librarian features similar to the FB-01 Editor/Librarian. Version 1.25. Author: James M. Smith FF598

DxConverter Converts binary/hex/ULONG integers/ASCII/RAWKEY codes to binary/hex/ULONG integer or ASCII. Fully intuitionalized. Version 1.0, binary only, freeware. Author: Kenny Nagy FF889

DynaCADD A four part demo distribution of DynaCADD from Ditek International. DynaCADD is a professional 2D and 3D CAD pack- age. This demo is fully functional except for disabled save and export functions. DynaCADD requires at minimum an Amiga with 1Mb of RAM and a hard drive or two floppy drives. A deinterlacer of some kind is highly recommended. FF603 contains all the files necessary to recreate the DynaCADD demo disk number 1. The files for demo disk number 2 can be found on library disk number 604 and the files for demo disks 3 and 4 can be found on library disk number 605. This is version 2.04 an update to version 1.84 on disks 434 and 435 and now includes both 68000 and 68020/030 versions. Binary only. Author: Ditek International FF603, FF604&FF605, FF434&FF435

Dynamic Memory!: Flexible string gadget requester using dynamic memory allocation. Author: Randy Finch. AC8

dynamictriangle One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. It is not certain which of the two early basics this program used. FF13

DynaShow A program and example image using a dynamic HiRes technique to display up to 4096 colors in high res with overscan. Dynamic HiRes uses a different 16 color palette on each scan line. Version 1.1, binary only. Author: NewTek FF285

EAguys.pic The guys at Electronic Arts. AM6

EasyBackup A CLI-based hard-disk backup/restore utility. Features incremental backups by archive bit status, by datestamp, or command-line query. Incremental backups can be appended to an existing backup set. Includes source. Author: Oliver Enseling FF365

EasyColor A color palette tool that you can use in your own programs. Works with any screen depth and type. Includes a usable demo. This is version 1.1 includes source in assembly. Author: Preben Nielsen FF555

EasyExpress A compiler tool for the users of Charlie Gibbs' A68k assembler and The Software Distillery's BLink. EasyExpress does the same job better than your batch file and is much easier to change for current use. If you use many object files, EasyExpress can make your life much easier. You can do almost everything via mouse and just watch how easily the compilation of your program happens. Binary only. Author: Juha Lindfors FF547

EasyMouse Another threshhold-mouse-accelerating, screen-to-back, window to-front, mouse-blanking, screen-blanking, auto- window activating, low-memory-warning, auto-window sizing, configuration-saveable clock! Version 1.0, includes source. Author: Oliver Enseling FF365

EasyStart A program to start other programs in a very easy way. It can start programs with a popup menu, a popup screen, with menu items in the WorkBench menu, with a window containing gadgets, and more. Version 1.12, binary only. Author: Andreas Krebs FF736

Eaters A screen hack that places a number of creatures called Eaters on the screen. These hungry Eaters live on white dots, con- suming them and leaving black droppings in their place. When not near a white dot, they move randomly. Version 1.0, includes source. Author: Guido

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Wegener FF660

Echo A small replacement for the AmigaDOS echo that will do some special functions, such as clear the screen, delete to bottom of screen, scroll the screen, place the cursor at a particular location, and set the text style and/or color. Includes source. Author: Garry Glendown FF217, FF36

Echo Echo is a replacement for the AmigaDOS or ARP echo command. This version provides easy color setting or positioning for all echo'ed strings. Completely compatible with the AmigaDOS and ARP echo commands, all your old batch files should work correctly. Version 1.08c, includes source. By: George Kerber (based on echo by Garry Glendown) FF311

Echo Todor Fay's SoundScape module source code from his AC articles. The Lattice and Manx C source code is here, along with the executable modules. AM26

echox UNIX-style filename expansion, partial S, C program in C source code and executable. Documentation included. AM1

Eco An ECHO replacement which allows many escape sequences for colors, text styles, cursor positioning, system variables, and much more. Has PURE bit set and can be made resident. Version 3.40, includes source. Author: Dario de Judicibus FF391

ECPM A CP/M emulator for the Amiga. Emulates an 8080 along with H19 terminal emulation. Update from version on FF109. Includes source. Author: Jim Cathey; Amiga port by Charlie Gibbs; Significant improvements by Willi Kusche FF157

Ed An editor based on the editor described in the original Software Tools book. It is very similar to the UNIX 'ed' editor, but not identical. Includes source. Author: Brian Beattie FF84

EdCommands Text guide to the ED editor. AM1

Edimap A keymap editor. Allows you to read in an existing keymap file, modify it to suit your needs, and save it as a ready-to-use keymap. V1.0, includes source. By Gilles Gamesh FF182

EditKeys A keymap editor. Supports editing of string, dead and modifiable keys, as well as control of repeatable and capsable status of each key. Runs equally well under AmigaDOS 1.3 or 2.0. This is version 1.3, an update to version 1.2 on disk 642. Binary only. Author: David Kinder FF817, FF642

EdLib A library of additional functions for Manx. This is V1.1, an update to V1.0 from FF183. With source. By Edwin Hoogerbeets with C-functions from several different authors FF218

EDRC An extensive configuration file for Matt Dillon's DME text editor using 10 menus and many functions. Author: Stefan Zeiger FF636

EFJ A fast action machine-code game (Escape From Jovi) featuring hi-res scrolling, large playfield, disk based high score list, stereo sound, multiple levels, a cheat mode, realistic inertia and gravitational effects, an animated sprite, and more. Use a joystick in port 2 to control the ship. This is version III, an update to the version on disk 148. Includes source in assembly code. Author: Oliver Wagner FF259, FF148

Egad A gadget editor from the Programmers Network. Very nicely done and very useful. Author: John Draper, Ray Larson, Brent Southard, and Dave Milligan FF46

EgoMouse A little hack that makes the mouse pointer turn towards the direction you move your mouse. A popular program on the Macintosh. Version 1.0, binary only. Author: B.J Lehahn, Pointer designed by F. Küster FF778

EGraph Egraph reads pairs of x and y values from a list of files and draws a formatted graph. Supports four unique curve fonts; solid curves, dashed curves, dotted curves, and long dashed curves. The maximum number of data points is unlimited. Has globs of options. Binary only. Author: Laurence Turner FF58, A

Egypt A small game for one or two players. Find three chests of gold in a computer generated maze. Version 1.0, freeware, includes source. Author: Benjamin (Pink) Stegemann FF816

EgyptianRun Cute little 'road race + hazards' type game. Version 1.1, binary only, shareware, source available from author. Author: Chris Hames FF120

EHB Checks to see if you have extra-half-bright graphics. In C source code, executable program and documentation. AM21

electric guitar Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Electron Electron World is a cellular automation described in 'Spektrum der Wissenschaft' ('Scientific American') March 1990. This is version 3.10 an update to version 2.01 from disk 584 (Wizard Works 2). Shareware US$ 10. Binary only. Author: Stefan Zeiger FF636, FF584

Elements Very nice interactive display of the the Periodic Table of Elements. Includes general row and column information, plus a test mode where the program asks specific questions about the selected element or row/column. This is version 3.0, an update to version 2.3b on disk 593. Now is completely Amiga- DOS 2.0 conformant. Path and language information are config- urable from the icon, uses 2.0 proportional fonts, can be opened on a public screen, and includes German and Swedish name files. Shareware, binary only. Author: Paul Thomas Miller FF652, FF593, FF384, FF368, FF297, FF253, FF175

Eless A faster directory lister, that also sorts entries and displays directories in the current cursor color (ala the Manx 'ls' program). Includes source. Author: Leo Schwab FF75

ElGato This animation is Kevin's entry to the Badge Killer Demo Contest. It also has a background music arrangement, that requires Sonix to use. Author: Kevin Sullivan . FF125

Ellb Example of building a shared library using small model Manx C. Includes source. Author: Jim Mackraz FF87

EliteBBS An online message and file handling system. Features include a message base, private mail, file library, support for xmodem, ymodem, and zmodem, fully buffered serial I/O routines for top speed, time limits, and more. Version V.31, binary only. Author: Nick Smith FF444

Eliza One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13, AM18

Elvis A UNIX vi/ex editor clone. Supports nearly all the vi/ex commands, in both visual mode and colon mode. Like vi/ex, elvis stores most of the text in a temporary file, allowing it to edit files that are too large to fit in memory, and the edit buffer can survive a power failure or crash. Also supports most vi '.exrc' definitions, supports user defined TERM and TERMCAP environment variables, works over an AUX: port, supports function keys and arrow keys, and more. This is version 1.5. Includes source. Author: Steve Kirkendall, Amiga port by Mike Rieser FF645

Emacs An early version of the Amiga text editor, C program in C source code and executable. Documentation provided. AM2

EmacsKey Makes Emacs function key definitions by Greg Douglas. In C source code, and documentation. AM19

Empire Empire is a multiplayer game of exploration, economics, war, etc, which can last a couple of months. Can be played either on the local keyboard or remotely through a modem. This is version 2.1w, an update to version 1.33w on FF329. Changes include a client-server system, a chat/CB mode, realtime private player to player messages, and other enhancements. Binary only. Author: Chris Gray, David Wright, Peter Langston FF357, FF329, FF118

Emporos You are living on the island of Emporos, where several countries exist. Your goal is to make one of these countries your own. There is only one way to do this, and you have to find it out. Binary only. Author: Roland Richter FF229

EmptyHandler Another example of a filehandler. This one creates empty files of any given length. Includes source in C. Author: Oliver Wagner FF684

Enforcer A tool to monitor illegal memory access for 68020/68851, 68030, and 68040 CPUs. This is a completely new Enforcer from the original idea by Bryce Nesbitt. It contains many new and wonderful features and options and no longer contains any exceptions for specific software. Enforcer can now also be used with CPU or SetCPU FASTROM or most any other MMU-Kickstart-Mapping tool. Major new output options such as local output, stdout, and parallel port. Highly optimized to be as fast as possible. This is version 37.28, an update to version 37.26 on disk number 773. Requires V37 of the OS or better and an MMU. Author: Michael Sinz FF800, FF773, FF754

Enforcer Detects/protects against illegal memory hits. Compatible with all OS versions & machines (requires a Memory Management Unit or 68030 processor). The low 1K of memory and all areas that are not RAM are protected from CPU reads or writes. ROM is marked as read-only. Version 2.8b, an update to version 2.6f on disk 474. Binary only. Author: Bryce Nesbitt FF658, FF474, FF454

Enigma An interactive animation object that can be viewed as a puzzle or a game object. The Enigma! Machine can be programed by the user to generate text. Part of the challenge is to discover how to program it to generate meaningful output. Version 1.00, binary only. Author: Martin C. Kees FF516

Enigmas Nifty graphic simulation of the World War II German Enigma-Machine, a message encoding/decoding device that produced extremely difficult to crack cryptographic code. Binary only. Author: Gaylan Wallis FF367

ENote Edit a filenote easier than with the standard filenote pro- gram. Version 1.0, includes source. Author: D. W. Reisig FF663

Enough A new CLI execute file command that tests for various system resources such as available memory or existence of specific files, directories, or devices. Author: Bruce Barrett @ Commodore-Amiga Player Animation player for Aegis Animator. Received directly from Aegis Development. FF29

Entertainer Plays The Entertainer, a Scott Japlan song made famous by 'The Sting'. ABasiC program. AM1

Env A user friendly tool to edit your 'environments'. You can change add copy rename and delete them with an intuition GUI instead of using DOS SetEnv/GetEnv. Features include keyboard shortcuts font-sensitive windows and shell command line support. Version 2.08 binary only. Author: Stefan Otto FF600

EnvPrint EnvPrint is a handy tool for printing envelopes for letters. Just type in the addresses or load them from disk and EnvPrint will organize the printing job for you. Includes an ARexx port. Version 1.50 an update to version 1.20 from disk 584 (WizardWorks 2). Shareware US$ 10. Binary only. Author: Stefan Zeiger FF636, FF584

EOMS Experts Only Mercenary Simulator. A neat (and tough!) PD game that was originally developed for eventual commercial release but, for various reasons, the author decided to release as PD instead. So far my son has beat every other Amiga game I've got, both PD and commercial, but he gave up on this one. For serious game players. Binary only. Author: Daniel Cardenas FF78

Ephemer A program which calculates the positions of the sun, moon, and planets for any date and any place. Includes source in HiSoft BASIC. Author: Yvon Alemany FF482

EPP E Preprocessor. Simple, easy-to-use macro preprocessor intended for use with Wouter van Oortmerssen's E language compiler. Allows E programmer's to 'include' (similar to C) E source code modules, thus adding modularity to the E language. Should work on any OS version. Update to V1.0, improved speed; bug fixes; new OPT TURBO directive for turning on Turbo mode for single modules; CtrlC made reliable. Version 1.1, includes source. Author: Barry Wills. FF897

Epson An improved Epson driver that eliminates streaking. AM9

Epson LQ-800 Printer driver for the Epson LQ-800. AM9

epsonset Executable program that sends Epson settings to PAR from menu. Documentation included. AM12

EPU A program like Stacker or XPK that allows applications to access compressed data from AmigaDOS devices without knowing that the data is compressed, and automatically compresses new data. The file size is not limited by memory and the settings of the handler can be changed at any time. Version 1.4, an update to version 1.0 on disk number 809. Shareware, binary only. Author: Jaroslav Mechacek FF858, FF809

EquiLog A Master-Mind type game. Version 1.36 binary only. Author: Pierre-Louis Mangeard FF590

EraseDisk A small, fast program used to erase a disk by setting all bits on the disk to zero. Version 0.92, an update to version 0.69 on disk 544. Binary only. Author: Otto Bernhart FF650, FF544

Error Adds compile errors to a C file, C source code. AM3

Error CLI utility to print a message text for AmigaDOS errors along with probable causes and suggestions for recovery (From AmigaDOS manual). Version 1.0, includes source. Author: Njál Fisketjøn FF902

Esperanto A keymap modification to usa1 which, in conjunction with the supplied slate.font, will allow one to type in Esperanto and Welsh, in any program that will use keymaps & fonts by: Glyn Gowing FF211

esuoM A little screen hack that causes the mouse pointer to move in the opposite direction of the mouse. Includes source. Author: Rob Eisenhuth FF229

Etale Another 'more' or 'less' type file reader, which differs from the others in that it supports superscripts and subscripts at very low memory cost, and supports a complete Greek alphabet. Includes source. Author: William Hammond FF254

EternalRome A historical strategy game, that in spite of its high complex- ity is fast and easy to play. Fully mouse controlled with a fine zoomable map of the Roman empire (overscan and interlaced options). The simulation delivers many historical insights because of its accuracy (may be used for educational purposes) and is a challenging and entertaining game for two or more players (also interesting for solitary studies). Version 1.1, an enhanced update to version 1.0 on disk 502. Tryware, binary only. Author: Sven Hartrumpf FF723, FF502

Etime Etime will display the elapsed time between events. This is useful in scripts to display the elapsed time between the beginning and ending. Many options including color and time displayed as hh:mm:ss or total seconds. Version 1.05c, includes source. Author: George Kerber FF311

Euphorion A scrolling 'shoot'em up' action-game, which contains eight different levels, bonus-stages and a highscore table. This is version 1.1, binary only. Author: Carsten Magerkurth FF804

Eval A full-featured floating point expression evaluator that can assign variables, has many built-in functions and constants, allows input and output in any number base, and uses a C-like syntax for expression evaluation. Full ANSI C source is included and easily portable to other platforms. Version 1.13, an update to version 1.12 on disk number 857. Includes source. Author: Will Menninger FF905, FF857

Eval This package allows you to manipulate expressions. Currently its two main functions are evaluation and differentiation. It also does some basic simplifications (based on pattern matching) to make the result of a differentiation more presentable. Includes source. Author: David Gay FF192

Evo A human evolution toy/tutorial. Includes source. Author: Steve Bonner FF130

Evolution This program graphically simulates the evolution of a species of 'bugs', the insect kind. Bugs, represented by moving blobs, eat bacteria represented by single pixels. They mutate, compete for food, reproduce and pass their mutations to their offspring. Nice example of graphics and software simulation. Standalone image and source code. Author: Russel Yost FF239

EVW Early Virus Warning. This program was designed to let the user get a look at important 'vectors' of the Amiga system. Does buffered scans of all library, device and resource vectors. Version 2.22. Binary only. Author: Peter Stuer FF641

EW Patch for Intuition OpenWindow( ) and CloseWindow( ), creating a Mac-style frame whenever a window is opened or closed. Very short, with source in assembler. By O. Wagner FF286

Examiner Will question you with files produced by SpellCheck. Smaller than SpellCheck, looks better under AmigaDOS 2.0, and has some extra features. Version 1.0, binary only. Author: Preben Randhol FF701

Examples Assembly and C code examples, including some old favorites (like speechtoy and yachtc3) downcoded to assembly language. Includes a replacement for the official audio device, an example of creating a subtask, a rewrite in assembly of R. J. Mical's file requester, an example of installing a custom input handler ahead of intuition, and more. Author: Jim Fiore & Jeff Glatt FF203

Exceptional Conduct: A quick response to user requests, achieved through efficient program logic. Author: Mark Cashman. AC10

Excption Exception is a set of error handling routines that provide a programmer with the ability to easily handle often difficult to implement routines. Routines such as no

more memory, file not open, read/write error....etc. V0.6, includes source. By Gerald T Hewes FF179

ExeC ExeC is a small utility for executing CLI/Shell Commands from the Workbench. This is version 1.10. Freeware. Binary only. Author: Carsten Raufuß FF584

exec.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

ExecDis A disassembler comment generator program for the 1.2 Kickstart ROM exec library image. Generates a commented disassembly of the exec library. V1.0, binary only. By Markus Wandel FF188

ExecLib A working example of how to build and use user-defined disk-resident libraries. Of special interest to developers working with Lattice C. Author: Alex Livshits FF150

ExecMaster A tool that allows you to start scripts, programs and rexx scripts in different ways. You can optionally specify an out- put. This could be a file or even a window. It has the abil- ity to iconify and a full gadtools user interface with key command support. It fully supports PublicScreens. OS 2.xx only. Version 1.7, freeware, binary only. Author: Hans-Peter Guenther FF750

ExecRexx A program that turns an ARexx script into an executable which can be run from WorkBench or the CLI. Binary only. Author: Jeff Glatt FF463

Exploding An AmigaDOS 2.0 version of 'exploding windows' that explodes and implodes windows in a fancy manner, catches all window resize and move events, works with all OpenWindowTags, and installs as a commodity. Version 1.0, binary only. Author: Andreas Schildbach FF668

Expose Program which will automatically cause all screen drag bars and screen depth-arrangers to become exposed. Sends a message to windows which obscure the screen drag bars, asking them to move down a pixel, and also to become smaller if necessary. Includes source. Author: John Russell FF73

ExP_Demo Demo version of Express Paint 1.1. This is the program that was used to create the huge scrolling demo picture in the AMUC_Demo drawer on this same disk. Binary only. Author: Stephen Vermeulen FF117

extdisk Text, external disk specification. AM5

ExtFuncProc External Function Process. Allows execution of any library function from simple tasks even if these functions require a process environment. For experienced programmers only because there isn't any documentation written yet but only an example. ExtFuncProc is used by GMC. It runs under KS 2.0. Binary only. Author: Goetz Mueller FF387

ExtraCmds A small set of AmigaDOS commands, chiefly inspired by UNIX, written to augment the collection distributed as part of the System Software Release 2.04 (V37) and will not run under older releases. This is the first public release consisting of the commands Common, Concat, Count, DirTree, Head, Lower, Split, Tee, TimeCom, and Unique. Source code and manual pages in both Danish and English are included. Author: Torsten Poulin FF774

EZAsm Combines 68000 assembly language with parts of C. Produces highly optimized code. Uses C-like function calls (supports all 2.04 functions), braces, 'else', '.fd' support, and much more. Comes bundled with A68k and Blink, for a complete programming environment. This is version 1.7, an update to version 1.6 on disk 592. Includes example source and executable files. Binary only. Author: Joe Siebenmann FF699, FF592, FF484, FF421, FF421

ezspeak One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

ezterm A basic sample program from Fred Fish's Grab Bag. It is not certain which of the two early basics this program used. FF13

F2C A program that translates Fortran 77 source into C or C++ source. F2C lets one portably mix C and Fortran, and makes a large body of well tested Fortran source code available to C environments. Amiga port done for SAS/C 5.10B, and includes libraries for use with SAS/C. Includes full source in C. Author: S. I. Feldman, David M. Gay, Mark W. Maimone, N. L. Schryer; Amiga port by Martin Hohl FF675

FAClock Front Analog Clock. This clock program always stays at the very front of the display. Binary only. Author: Jonathan Potter FF412

FAFF Specification for the FAFF spreadsheet file format used by the Gold Disk products 'Professional Calc' 'The Advantage' 'Office Calc' and 'Office Graph'. Describes version 2.0 of FAFF. This information should allow 3rd party developers to create and use files that are compatible with ProCalc. Author: Michal Todorovic / Gold Disk FF553

FakeKey A utility for use in scripts with programs like Diskcopy that require the user to press a key before the program runs. It sends a user-specified key press to the active window, after an optional delay. Requires AmigaDOS 2.04 or higher. This is version 1.0. Includes source in assembly. Author: Douglas Nelson FF832

False The language FALSE and it's compiler were designed for only two reasons: building a working compiler in just 1k (!) and designing a language that looks cryptic and fuzzy (in the APL tradition). The result is a language that is quite powerful (for it's size). It's a Forth type language with lambda abstraction and lots of other goodies. Version 1.1, includes source. Author: Wouter van Oortmerssen FF885

FAM A File Access Manager for the Amiga that allows multiple ARexx programs to access a buffered version of a directory in a consistent and serialized manner. It buffers all the names, dates, sizes and so on, for quick access. Version 1.1 with source. By: Darren New FF325

Family_Sol A preliminary version of the Authors Family Solitair card game. A standard game of Solitair with options for multiple players, sound etc. Binary only. Author: Errol Wallingford FF473

FarPrint Debugging functions for programs which don't have any links to their environment. FarPrint consists of two major parts; a harbour process open to receive and distribute messages and requests, and a set of C functions to be linked into any program wishing to communicate with the FarPrint main process. This is version 1.5 and adds a shared library as well as linker libraries for both Lattice and Aztec C. Includes source. Author: Olaf Barthel FF325, FF281

Fass A program which lets you reassign the FONTS: directory at the touch of a few keys without having to use the CLI. Version 1.02 includes source. Author: Jan van den Baard FF570

Fast Fractals: A fast fractal program written in C with Assembly language subroutines. Author: Hugo M. H. Lyppens AC6

Fast Pics: Re-writing the pixel drawing routine in Assembly language for speed. Author: Scott Steinman AC6

FastBlit A small tool to speed up blitter operations by up to 60%. Version 1.0, binary only. Author: Ralf Thanner FF354

FastDisk A disk optimizer providing two ways of optimizing. Originally written by Thorsten Stolpmann. This is version II, now featuring an Intuition interface, ARP support, bug hunting, and Lattice C compatibility, done by Oliver Wagner. Includes source in C. Author: Thorsten Stolpmann and Oliver Wagner FF286

fasterfp Explains use of fast-floating point math C program. AM1

FastGIF A very fast GIF viewer with a graphical user interface, file requester, support for AGA chips set, support for viewing in a WorkBench window, IFF saving (registered version only), and GIF89a compability. Includes English and French versions. Version II (1.01), an update to version 1.00 on disk 690. Shareware, binary only. Author: Christophe Passuello FF850, FF690

FastGro A fractal program, simulating Diffusion-Limited Aggregation (DLA) as described in the December 1988 Scientific American in the Computer Recreations column. This program is about an order of magnitude faster than the 'SLO GRO' program described in Scientific American. V 1.0, includes source. By Doug Houck FF188

FastLife A fast life program featuring an Intuition interface, 33 generations/second on Amiga 3000/25, 19 generations/second on Amiga 2000/500/1000, and 200+ patterns in text file format. Runs with Kickstart 2.04 and later, and uses the ReqTools requester package (included). An update to version 1.1 on disk 608. Changes include support for all screen modes, screens as large as memory allows, run for a specified number of generations, stop at a specific generation, CLI and ToolTypes support for file name filter and 'ON' character within Picture files. Version 2.2, binary only. Author: Ron Charlton FF802, FF608, FF469

FastText Blitter based fast text rendering routines written in assembly. Unique in the fact that they speed up rendering of non-proportional fonts of any height, and from 4-16 pixels in width. With source and test program. By Darren M. Greenwald FF170

FB-01 Edit all parameters for FB-01 Voices and Configurations. Has graphical display of voice envelopes to improve the editing process. The librarian provides the means to organize and store a bank of voices or configurations on disk. Send customized banks to a Yamaha FB-01 or receive banks from this instrument. Print hardcopy of voice and configuration banks. Version 1.25. Author: James M. Smith FF598

fBlanker A utility for blanking the screen after a defined period of no action. Shows a multicolor Amiga checkmark. This is version 1.1, binary only, requires AmigaDOS 2.0. Author: Markus Stoll FF491

FBM An Amiga port of the Fuzzy PixMap image manipulation library. This package allows manipulation and conversion of a variety of color and B&W image formats. Supported formats include Sun rasterfiles, GIF, IFF, PCX, PBM bitmaps, 'face' files, and FBM files. Also has input converters for raw images, like Digi- View files, and output converters for PostScript and Diablo graphics. Besides doing format conversion, some of the other image manipulation operations supported include rectangular extraction, density and contrast changes, rotation, quantiza- tion, halftone grayscaling, edge sharpening, and histograms. Disk 676 contains m68000 binaries and docs, disk 677 contains m68020/m68881 binaries, and disk 678 contains the sources. Version 1.0. Author: Michael Mauldin; Amiga port by Martin Hohl FF676&677&678, FF334

FCS Prerelease version of an iterated Fractal Construction Set program, used to generate iterated fractal images such as Sierpinski's triangle, ferns, etc. This is version 0.99, binary only. Author: Garth Thornton FF465

Fd A modified version of Leo's 'eless' that processes an entire track at a time, to minimize rereading of blocks. Includes source. Author: Leo Schwab, enhancements by Stephen Vermeulen FF75

Fd2AsmInc This little program creates assembler include files from '.fd' files (I.E. the original Commodore .fd-files). There are several ways to format the output file. Version 1.0a, OS 2.xx only, freeware, includes source in assembly. Author: Hanns Holger Rutz FF802

FED A binary file editor with lots of options. This is version 1.1 binary only. Author: Thomas Jansen FF555

Fedup A random access, byte oriented file-editor that gives you the option of viewing and editing any file (binary or ASCII) using either ASCII or hexadecimal notation. Version 2.1, binary only. Author: Martin Lindemann FF230

Fenster A program which can operate on requesters screens and win- dows owned by another program to close them change their size refresh gadgets move the window to the background etc. This is version 3.2 an update to version 2.2 on disk 362. Includes source in assembly. Author: Roger Fischlin FF630, FF362, FF305, FF298, FF245

FF FF is a file find utility for use under Workbench 2.04 or later. It features a full, font-sensitive GUI, AppWindow support, dynamic find-list update, the capability to recognize both hard and soft links, and the ability to optionally descend into hard links to directories. This is version 1.01, includes source. Author: Dave Schreiber FF729

ff A very fast text formatter, controlled exclusively by command line arguments. Author: Gary Perlman & hordes of students FF3

FFEX Another program for fractals. Lots of features. Uses an interesting algorithm for extra speed. Source includes modules for reading/writing ILBM pictures, and for using the ARP filerequester in modula. Version 4.0. Author: Robert Brandner FF549

FFP & IEEE: An Example of using FFP & IEEE math routines in Modula-2. Author: Steve Falwiszewski AC1

FFT Highly optimized Fast Fourier Transform tools for digital signal processing. The FFT can be used to compute the frequency spectrum of a complex signal. It is useful in a variety of different applications. Floating point and integer versions. Mixture of high level and assembly language code. Includes source (requires JForth). Author: Jerry Kallaus FF239

FHSpread A Spreadsheet program that uses its own custom screen. Can be switched between hires, laced and PAL, NTSC. Version 1.71, should work on any amiga with at least 1MB. Binary only. Author: Frank Hartog FF887

FifoDev FIFO: is like PIPE: but is based on fifo.library rather than its own implementation. Fifo.library is a general fifo library implementation that supports named fifos, writing to a fifo from a hardware exception, multiple readers on a fifo with each getting the same data stream, efficient reading, and automatic or manual flow control. Programs that require non-blocking IO can access one side of a FIFO: connection via the fifo.library instead of the FIFO: device. Version 2, an update to version on disk 432. Includes some source. Author: Matt Dillon FF448, FF432

FifoLib FIFO: is like PIPE: but is based on fifo.library rather than its own implementation. Fifo.library is a general fifo library implementation that supports named fifos writing to a fifo from a hardware exception multiple readers on a fifo with each getting the same data stream efficient reading and automatic or manual flow control. Programs that require non-blocking IO can access one side of a FIFO: connection via the fifo.library instead of the FIFO: device. Version 3.4 an update to version 3.1 on disk 519. Includes some source. Author: Matt Dillon FF588, FF519

File A program that recognizes various types of files and prints what that type is. Recognizes font files, icon files, executable files, standard object files, compressed files, command scripts, C source, directories, iff files, LaTeX source, modula II source, arc files, shell commands and scripts, TeX source, dvi files, uuencoded files, yacc files, zoo archives, etc. Version 1.0, includes source. Author: Edwin Hoogerbeets FF231

File Examines given file(s) and takes an educated guess as to their type. File types looked for include:fonts, icons, executables, objects, compressed, command scripts,C source, directories, iffs, LaTeX source, modula II source, shell commands and scripts, TeX source, dvi, uuencoded, yacc, zoo, lha(rc). Version 1.1, an update by Gary Duncan to Version 1.0 by Edwin Hoogerbeets disk number 231. Changes include looking for a few more types, improving its IQ slightly, and amending source to compile ANSI-C under SAS/C 6.0. Includes C-source. Author: Edwin Hoogerbeets and Gary Duncan FF767

FileBootBlock This simple little program reads blocks 0 and 1 of a bootable disk and saves them as a program file that can be run (heaven forbid) or disassembled by programs like DIS or DSM. Includes source in assembly code. by: John Veldthuis FF191

FileCache This package is for compiler and assembler writers. It implements a cache for include files with a file cache server. Can greatly speed up compilation and assembling. Binary only. Author: Christophe Passuello FF846

FileEncrypt Another intuition based file encryptor to enable you to scramble your highly secret, hard earned source code and prevent your co-workers from taking credit for it! Includes (unscrambled) source. Author: Lorenz Wiest FF379

FileIISG-Demo A demo version of Softwood File IIsg, a database manager with sound and graphics. Also includes a database of previously released disks in this library, courtesy of Stan Spence. Binary only. Author: Woody Williams and Donald Brady FF86

FileIO A file requester library based upon an example by R.J. Mical. Has numerous features, including uses other than disk I/O. Version 1.C, update to version 1.9 on disk 393. Binary only. Author: Jeff Glatt, Jim Fiore, R.J. Mical FF463, FF393, FF348, FF307, FF257

FileIt A simple database program, written in DRACO. It is meant to be portable, thus it does not use any of Intuition's facilities. Version 1.0, includes source. Author: John Davis FF230

FileLocator Searches up to 28 mounted devices for specific files using wildcard matches. Version 1.0 binary only. Author: Joe Rattz Jr. FF581

FileMaster A file editor like NewZap or FedUp, which allows you to manipulate bytes of a file. You may also change the file size or execute a patch. Version 1.20, update to version on FF298, includes source in assembly. Author: Roger Fischlin FF361, FF298

FileMinder Utility for maintaining files and directories on a hard disk. Allows you to graphically see your directory structure to move quickly to any directory and to perform

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operations on the files and other directories there. This is version 1.0 shareware binary only. Author: Joel Swank FF606

Filenames AmigaDOS filename wildcard conventions in a text file. AM1

Filer An excellent shareware filemanager featuring buffered directories soft- and hardlink support configurable by ASCII file and much more. This is a demo version with some minor features disabled. Needs KickStart 2.0. Shareware binary only. Author: Matthias Scheler FF562

FileReq This is Jonathan's second version of a file requester, and is much more powerful than the one included on disk 204. Shareware, with source. By Jonathan Potter FF242, FF204, FF85

FileRequest Assembly code example of a file requester. V2.0, an update to FF173, where it was called FileSelect. New features include 3 speed scrolling of filenames and ghosting of unavailable devices. Includes source. Author: Fabrice Lienhardt FF292, FF173

FileRequester A very nice file requester module for lattice C programs, along with a demo driver program. Author: Charlie Heath FF35

FileRexx Opens an ASL-filerequester on the frontmost PublicScreen, and prints the selected file/directory to StdOut, into an environment-variable (if choosen), or into an arexx-variable (if File Rexx has opened a rexx-host). The size of the filerequester will adjust automatically to the actual visible screensize if not affected from the given arguments. Version 1.3, binary only. Author: Michael Hohmann and Hartmut Goebel FF890

FILES V1.2 Matt Dillion's disk catalog program. FF168 & 169

FileSearch This program will search an AmigaDOS volume for a specified file, using a filename pattern. Useful for hard drive owners wanting to find a file/program quickly. AmigaDOS wildcards aren't supported, '*' wildcards are. Has an Intuition interface. Version 1.5, binary only, WB2.0 only. Author: Matt Crowd FF531

FileSelect A FileIO selector, written 100% in assembly. Version 1.0, includes source Author: Fabrice Lienhardt FF173

FileSelect A new file requester which is small, fast and has some new features. It has a flexible filter option, optional DOS- gadgets (delete, rename and makedir), displays the size of a program, is fast, can display all connected devices, etc. Version 2.0, includes source in assembly language. Author: André Wichmann FF653

FileStat Facilitates the editing of all information about a file, such as protection bits, name, comment, etc., using a graphical interface. Version 2.0, binary only. Author: Robert Lang FF717

FileStorage Small demo of a file librarian, a database for files. The database exists as a number of index files and disks where FileStorage puts your collection of files. FileStorage 'remembers' how many free bytes each storage disk has and tries to fill the disks to the maximum. For each file you can add a 320 character long description and set 16 different (user definable) filetypes. Searching / adding / deleting / changing it's all there! Version 1.2, binary only. Author: Joep Grooten FF785

FileSystems Displays AmigaDOS disk devices with information about the head geometry, BufMemType, and the lower level exec device. With source. By Ethan Dicks FF329

FileTest This routine is used to recursively descend the file system tree from a specified directory location, reading the files into memory (if they will fit) as it goes. Useful as a complete test of file system integrity. Includes source. By Stephen Vermeulen FF284

FileTypes This program can recognize different kinds of files in a directory. Currently recognized types are executable and IFF (all types, ILBM, 8SVX etc.). Includes listing the whole contents of a directory or only files of one or more types. This is version 2.1, and includes assembly source. Author: Sebastian Leske FF415

FileWindow A completely public domain file requester which may be used in any program, even commercial ones. It uses dynamically allocated memory to hold the file names so the only limitation is the amount of memory available. Includes a filter option to limit display of filenames to only ones with a specific extension. Names are automatically sorted while they are being read and displayed. This version has been enhanced by Bernd Schied for more device gadgets, renaming of files and directories, ANSI-C source, and more. Update to version 1.10 on disk 336. Includes source. Author: Anders Bjerin, Bernd Schied FF464, FF336

filezap An updated version of the file zap utility first released on FF10. Can be used to patch any type of file. Nice, and VERY useful. Author: John Hodgson FF14, FF10, AM16

Fill Smart Multi-file Mover/Copier. Moves/copies files from the specified directory to a specified destination. Optimizes space on destination by using a 'best-fit' algorithm. Capable of filling every byte on a floppy without splitting files. CLI-usage only, version 1.1, includes source. Author: Barry Wills. FF904

FillDisk Disksalv has been known to find some rather interesting things in the free blocks of some production disks from companies that should know better. This little hack makes sure you don't get caught in the same trap, by scribbling the disk's free blocks in a totally safe manner. Includes source (all 20 lines of it). Author: Fred Fish FF61

fillibuster One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

FIM The Fast-Intro-Maker. Use this little IntroMaker to create your own Intros in a few minutes. Includes functions to insert selfmade IFF-Pictures, Color-Screentexts, Music and more. Final created Intros will run on OS1.2/1.3/2.x (WB/Cli). F.I.M. requires Amiga OS2.x. This is version 2.2, an update to version 1.0 on disk 760. Shareware, binary only. Author: Michael Bialas FF814, FF760

Find A pattern matching program which uses the weighted Levensthein distance algorithm. Requires OS1.04 or later. Commodity and Arexx Support. Manual in AmigaGuide format. Version 1.0, Includes source. Author: Karlheinz Klingbeil FF879

Find Find is a utility which searches for files that satisfy a given boolean expression of attributes, starting from a root pathname and searching recursively down through the hierarchy of the file system. Very much like the Unix find program. V1.2, includes source. Update to FF134 Author: Rodney Lewis FF197, FF134

Find Yet another file find utility, different from other programs of this kind in that it requires Kickstart and Workbench 2.04 (or higher) to run, sports a font-sensitive user interface, includes Workbench AppIcon/AppWindow support, filetype ident- ification and other goodies. Version 1.7, includes source in 'C' and assembly language. Author: Olaf 'Olsen' Barthel FF690

FINDIT V1.00 Search for a filename (wildcard) FF168 & 169

FindIt A fully Intuitionised file finder. Features include search multiple drives/directories, search for file names starting with/not starting with given text, file names containing/not containing given text, file names ending with/not ending with given text, files created on/after/before/not-on given date, files containing given text, etc. Found files can be copied, deleted, viewed, or printed. Requires Workbench 2.0. This is version 1.0, binary only. Author: Gary Smith FF731

FindName A program to be used in scripts. It allows you to verify the presence of certain structures in RAM. You can currently search for devices, libraries, memory, messageports, resources and tasks. The search is done by name. Version 1.0, includes source in assembly. Author: Preben Nielsen FF547

FineArt This is a collection of works from some of the best of current Amiga artists. Many thanks to Jim Sachs, Sheryl Knowles, Jack Haeger, and Aegis Development for submissions. FF30

FInf A very versatile directory listing utility. It can examine the contents of files and display a short type description. In addition, FInf has a whole slew of options that allow you to filter files by type, date, age, size etc., as well as recursive directory descending, and adjustable output formatting. So next to simply listing directories, FInf is extremely useful for creating hybrid commands that perform functions closely tuned to your specific needs. Version 1.15, binary only. Author: Peter Struijk FF873

FirstSillCon A smart input line interpreter that provides a separate command window with full editing and recall of previous commands. Actual name is 'Sili(Con:)'. By Pete Goodeve FF50

Fish 'A demo program which runs an AnimOb in a double buffered screen with sequence cycled animation'. (Basically shows a fish 'swimming' across the top of the screen). Author: Catherine Wagner (posted by Barry Whitebook) FF15

FishCat A program designed to allow searching the entire library. Was written specifically for KS 2.0. Features very fast searches and the built-in ability to easily add new disks to the data- base. Supports many 2.0 features such as AppWindow and public screens. Iconifies. This is version 1.2, an update to ver- sion 1.1 on disk 607. Adds a simple AREXX port, printing, compact update files, and fixes all known bugs. Author: Matt Brown FF705, FF607

Fitness A little WorkBench hack with the aim of keeping you fit. A little fellow will pop up on the screen periodically, to remind you to interrupt your work and do some exercises. Version 1.10, binary only. Author: Sioe-Lin Kwik FF662

FiveInLine A board-playing game similiar to Go-Moku, Ristinolla, etc. Fast-paced and quickly addictive! Includes source. Author: Njel Fisketjxn FF163

Fix68010 A program which patches executables that fail to run on machines equipped with an M68010, so that they no longer use the prohibited priviledged instructions. Binary only. Author: Gregor Brandt FF241

FixCLI A tiny pure command which fixes problems with CLI's not created by other CLI processes. A new CLI or Shell created by such programs as PopCLI or DMouse gets no path and no current directory. FixCLI very quickly and efficiently gives a path to a CLI that does not have one (it looks for other processes that have valid paths) and sets the current directory as specified if none is already set. Put it in your S:Shell-Startup script. Includes source. Author: Paul Kienitz. FF429

FixDate Fixes future dates on all files on a disk, C program in C source code and executable. AM1

FixDisk A program to recover as much as possible from a defective disk. It can sometimes recover damaged (unreadable) tracks, check file integrity, check the directory structure, undelete files, copy or show files, fix corrupted directory pointers, etc. Full intuition interface. This is version 1.2, an update to version 1.0 on disk 223. Binary only. Author: Werner Guenther FF403, FF223

FixFd A utility for Amiga assembly programmers. FixFd will read a '.FD' file and output a file that can be 'INCLUDE'ed rather than having to link with the colossal 'Amiga.Lib'. V1.0, includes source in assembly. By Peter Wyspianski FF183

FixHunk A program to modify executable files to allow them to run in external memory. It forces all DATA and BSS hunks in the file to be loaded into CHIP memory. CODE hunks will still load into FAST ram if available. New features include an interactive mode to select where each DATA or BSS hunk will load into memory, support for overlays, support for AC BASIC compiled programs, and support for new hunk types as used by 'blink'. V2.1, binary only. By D.J. James FF197, FF36, AM17, AM16

FixIcon Fixes some icons that show bad markings when run on greater than 4 color Workbenches. Doesn't fix them all, but fixes a common problem. Includes source in C. Author: Robert Lang FF719

FixIcons A program to scan through all files in a given volume or directory, looking for project icons and changing their default tools according to instructions given in a script file. Version 1.2, includes source. Author: Lars Clausen FF303

FixObj Strip extraneous garbage off the end of object files transferred with modem. Does not require pre-knowledge of actual file length, uses knowledge of Amiga file structure. Version1.1 (update to copy on disk #10). Author: John Hodgson FF38, FF10, AM17, AM2

FixWB A program similar to 'DropCloth' (also on this disk), but not fully working yet. At least this one is provided in source, so you get your choice of a working one in binary or a nonworking one in source. Sigh. Author: Leo Schwab FF59

FKey includes template for making paper to sit in the tray at the top of the Amiga keyboard. AM15

Fkeys Adds window and screen switching functions to the function keys in conjunction with the left Amiga key. For example use the left-Amiga + F10 to get help and a remove requester. Version 1.1 includes source. Author: Torsten Jurgeleit FF562

FlamKey Installs a little key on the WorkBench screen title bar, and then waits in background until somebody clicks on the key. When activated, allows the keyboard and mouse inputs to be locked out until a password is entered. Shareware, binary only. Author: Alex Livshits FF105

FlashBack Demo version of a new backup utility. Fully functional version except for the restore operation. Features include backup of multiple partitions in one pass, backup of non- AmigaDOS partitions, backup to a file, automated unattended backups, pattern matching, and streaming tape support. Version 2.05, binary only. Author: Leon Frenkel, Advanced Storage Systems FF447

FlashCopy A multitasking friendly disk copier that can make nibble copies as well as standard DOS copies in about 75 seconds. Version 0.9 binary only. Author: Thomas Jansen FF555

Flat A filing system handler which implements block-mapped filing devices such as available under Un*x. Read and write calls are mapped to low-level system IO operations which allow to treat devices such as df0:, dh0:, rad:, etc. as big data files. These 'virtual' files can be copied, read and written just like any standard AmigaDOS file. It is even possible to copy a whole disk with the CLI 'Copy' command or to archive disks with LhArc and the like. Written as a supplement for the Amiga 'tar' program. Version 1.3, includes source in 'C'. Author: Olaf 'Olsen' Barthel FF535

Fleuch A little game with more than five extra large stages. The object is to pickup up your cargo and climb safely to the next stage, without being shot or running into anything, (including your cargo!). Scrolling, shooting, some gravitation, similar to Thrust (C64). Binary only. Author: Karsten Götze FF760

Flex A replacement for the UNIX 'lex' (lexical analyzer generator) program that is faster than lex, and freely redistributable. Lexical analyzer generators are generally used in combination with parser generators (such as yacc or bison), to generate frontends for language compilers and other tools. Version 2.3.7, an update to version 2.3 on disk 407. Includes source. Author: Jef Poskanzer, Vern Paxson, et. al. FF704, FF407, FF156

FlightSim A simple flight simulator AmigaBASIC program. AM9

Flip Allows you to quickly and easily switch between various screens. Can close screens, pull them up, and activate windows. Has the unique feature of sorting screens in a way that all title bars are visible at one time. This is version 2.0, binary only. Author: Lars Eggert FF390

Flip Another program in the long tradition of screen hacks. Run it and see what happens. Binary only. Author: Andreas Schildbach FF369

Flip Seems like Leo's gems have inspired lots of people. This one is quite cute also. Written in assembler, includes source. Author: Mike Berro FF66

Flip Very small program which replaces the left-Amiga-N and M commands with screen and window flipping commands. It's an excellent example of how to use PC-relative addressing within input handlers. Version 2.0, includes a technical discussion and source in C and assembly. Author: Mike Monaco and Timm Martin. FF437

FlipIt Possibly the strongest Reversi/Othello type game available. Shareware, binary only. Author: Adrian Millett FF512

Flipper A small, fast, Othello program. Does not use any look-ahead methods. Binary only. Author: Michael Sinz FF248

FLODemo Floorplan Construction Set demo. Fully functional except the Save IFF function is disabled and 15 pages of clip rooms have been replaced by a single sample page. This is version 1.48, binary only. Author: Jim Hennessey, Gramma Software FF452

flood.c Flood fill example. C program. AM4

Floozy Disassembles the Foozle FidoNet mail management system logfile into readable, human understandable statistics. Floozy's output is clear and concise and fully covers all aspects of Floozy use. All message base names, number of messages, and in/out packets/bytesizes are noted and further stats are calculated on these figures. Requires kick 1.3 or 2.0. Version 1.0204, binary only, freeware. Author: Bob Rye FF866

Flow2Troff A little utility to convert from New Horizons Software 'FLOW' files to UNIX 'troff' files, suitable for printing on any troff-compatible laser printer. Version 1.0, includes source and a sample 'FLOW' file. Author: Daniel Barrett FF162

Freely Redistributable Software

Flute Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Flyspeck A very tiny font which is more of a gimmick than a useful font. Perhaps the tiniest font available for the Amiga. Author: Sascha Wildner FF591

Fm File mapper program. Uses track disk device to grab sectors and traverse the file system to find out what sectors a particular file occupies. Author: Leo Schwab FF36, AM15

FMC An alternative to the NoFastMem program. Uses a cute little switch gadget to turn fast memory on or off. Version 1.2, includes source in assembly code. Author: Roger Fischlin FF244

FME Patch to AllocMem( ) to allow badly designed programs which request fast mem without necessity to be run on 512k machines. Plus source in assembler. By: Holger Lubitz FF346

Fme Nicely done map editor for the Fire-Power (tm) game. Features interlaced hi-res with intuition interface. See the 'Readme.fnf' file for information on making a bootable disk. Includes source. Author: Gregory MacKay FF148

FMouse A mouse pointer accelerator, similar to Matt Dillon's DMouse. Includes a screen blanker and 'hot keys'. This is version 1.01. Includes source in assembly. Author: Roger Fischlin FF437

FmsDisk A file based trackdisk simulator, useful for creating a floppy-like partition on your hard disk (so you can diskcopy to a floppy) without actually having to create a special partition for it. Also useful for testing new filesystems and such. Supports up to 32 units, with either the old filesystem or the new fast filesystem. Includes source. Author: Matt Dillon FF294

FMsynth A program to create sounds with FM synthesis. It has six operators, a realtime LFO and a free editable algorithm. The sound can be played on the Amiga keyboard and saved in IFF8SVX format. Version 1.1, giftware, includes source in Oberon-2. Author: Christian Stiens FF895

FnctnKeys Text file explains how to read function keys from AmigaBASIC. AM9

FO CLI based Fast Optimizer for AmigaDOS disks. It can optimize one disk in less than 2 min, 30 sec. Allows optimization for CLI or WorkBench usage, and allows you to use unformatted disks as the destination. At least 1 Mb memory required. This is version 1.3, an update to version 1.0 on disk 537. Binary only. Author: Fabien Campagne FF744,FF537

FO2 Intuition-based version of FO, will run on a single drive machine. Includes multiple destinations, automatic turn on upon disk insertion and more. Requires 1.5M or more of memory. This is version v2.5, includes source. Author: Fabien Campagne FF744

FoCo Format controller. A graphical user interface for disk for- matting. Pops up on disk insertion or via hotkey. Version 1.2, an update to version 1.1 on disk number 566. Requires OS 2.0. Includes source. Author: Michael Balzer FF743, FF566

FollowMouse A pair of small blinking eyes following the mouse movements on the screen. Runs from both the WorkBench and CLI. Version 1.2, an update to the version on disk number 757. Includes source in PASCAL. Author: Kamran Karimi FF870, FF757

FontConv Converts MacIntosh Postscript type 1 and type 3 fonts to the IBM Postscript type 1 and type 3 format. Also converts MacIntosh bitmap screen fonts to the Adobe binary format (abf). Version 1.2, binary only. Author: Gary Knight FF528

FontConvert A printer font conversion program to convert standard Amiga fonts into a form suitable for downloading to a printer that supports user defined printer fonts. Version 1.0, includes source. Author: Olaf 'Olsen' Barthel FF393

FontConverter Converts standard font files into C code structures that can be included directly in your program. Probably most useful for people writing programs that take over the machine and thus do not have access to the standard fonts directory. Includes source. Author: Andreas Baum FF644

FontEditor Does what the name implies, edits fonts. Author: Tim Robinson Author's suggested shareware donation: $5 FF30

FontList Prints a list of the fonts in the FONTS: device to the printer. Prints name, available sizes and some text using the specified font. Includes source in Modula II. Author: Robert Brandner FF549

Fonts Several miscellaneous new fonts for your enjoyment. Author: (Several) FF81

FontViewer A program to view fonts. Features include selectable screen resolutions, outline font support (WB 2.0), ColorFont support, up to thirty fonts shown at once with each in its own window, up to three lines of changeable text for viewing fonts, use file requester to find fonts to view (WB 2.0). Version 1.2, binary only. Author: Gary Smith FF732

FontViewQ A commodity to display a table of characters of any Amiga font, which is chosen by a font requester. The characters are clickable to show you the ASCII value and the key combination to press. With AmigaOS 2.1 a localization takes place (cur- rently German and French). Version 1.2, includes source. Author: Dieter Temme FF750

Foogol Just what you've been waiting for, a foogol cross compiler for your Amiga that generates VAX assembly code. Now you can port all those Amiga foogol programs to your VAX! Seriously, foogol-IV is a tiny Algol like language and this is a compiler for it. Includes source. Author: Per Lindberg FF66

Foreach A simple but useful program that expands a wild card file specification and then invokes the specified command once per expanded filename, with the expanded filename as the command argument. Includes source. Author: Jonas Flygare FF138

Form File formatting program through the printer driver to select print styles. AM15

Format A 2.04-only replacement for the AmigaDOS Format command. It uses a much more complete Workbench user interface (allowing for greater control over formatting from the Workbench) and is smaller that the original Format command. Version 1.00, includes source. Author: Dave Schreiber FF727

Format A replacement for the Workbench 2.x 'Format' command with many additional features and a basic gadtools interface. Can be made resident and sports a number of additional command line options. Also included is a code fragment which will correctly initialize data media of any size (floppy disks or hard disk partitions) which works both under Kickstart 1.2/1.3 and 2.x. Version 1.1, includes source in 'C' and assembly language. AmigaOS 2.x required. Author: Olaf 'Olsen' Barthel FF535

Formatter A faster and more user friendly floppy disk formatter that is also an example of how to format Amiga file systems in general and get AmigaDOS to accept them. Formatting without verify takes about 50 seconds, with verify takes about 100 seconds. Version 2.7, includes source. Author: Olaf Barthel FF398, FF377

Formulae An implementation of basic propositional formulae manipulation routines in Scheme (Scheme is available on disk 149). Uses only essential procedures so it should run under any Scheme. Includes source in Scheme. Author: Gauthier Groult and Bertrand Lecun FF316

Fortune Randomly display a 'fortune' selected from a fortunes file (supplied), by text or voice. The 'fortunes' file is easily modified or added to by the user, using any text editor. New version will work from the Workbench or CLI. Version 2.04g, update to version on FF311, source included. Author: George Kerber FF369, FF311

Fpic Fpic is an image processing program, designed specifically to be used in conjunction with digitized (Digi-View) lo-res black & white IFF picture files. Provides several filters, including average, binary (threshold), clipblit, cross, Sobel, Roberts, pixelize, sharpen, and a user defined matrix. Also supports merging of two images, histogram, image compare, and remapping. Binary only. Author: Bob Bush FF71, AM20

FracBlank A commodities screen blanker written for Kickstart and Work- bench 2.04 (or higher). When running will blank the screen and start to draw real plane fractals such as described in the September 1986 issue of Scientific American. The resulting images may remind you of spiders' webs, lace or even the Chladnian patterns formed by grains of sand strewn across a vibrating surface. This is version 2.2, an update to version 1.8 on disk 588, and includes numerous bug fixes and enhance-ments (such a new fractal type and a font-sensitive user int- erface). Includes source in 'C' and assembly language. Author: Olaf 'Olsen' Barthel FF687, FF588,FF535

FracGen A fractal generator program that generates fractal pictures from 'seeds' that you create. This is unlike any of the other 'fractal generators' I've seen. It can be used to load and display previously created fractal pictures, modify existing fractals, or create your own fractals. V 1.23, binary only, update to FF142. By Doug Houck FF188, FF142

Fractal A fractal program which produces a random square fractal terrain. Author: John Olsen FF52

fractal One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

FractalLab Investigate the realm of fractals and allow your imagination to run wild. Virtually an unlimited number of these self- similar curves can be created with FractalLab. Includes several interesting samples. Version 1.0, binary only. Author: Terry Gintz FF391

Fractals A Fractal generator that generates many different types of fractals based on the iteration of complex-valued formulas. The program can generate the Mandelbrot and Julia sets, as well as the sets of more unusual formulas such as lambda*COS(Z) and Newton-R. Version 2.1, includes source and some sample creations. Author: Ronnie Johansson. FF371

Fractals draws great fractal seascapes and mountainscapes. AM15

Fractals Part I: An introduction to the basics of fractals with examples in AmigaBASIC, True BASIC, and C. Author: Paul Castonguay AC2

Fractals Part II : Part II on fractals and graphics on the Amiga in AmigaBASIC and True BASIC. Author: Paul Castonguay AC4

Fractals: Part III: AmigaBASIC code that shows you how to save/load pictures to disk. Author: Paul Castonguay AC6

Frag Two CLI utilities that show disk and file fragmentation on AmigaDOS floppies. Includes source. By: David Gay FF278

FragIt A dynamic memory thrasher for the Amiga. FragIt randomly allocates and deallocates psuedo-random size values of memory, ranging from 16 bytes to 50000 bytes by default. The result is an allocation nightmare, thousands of memory fragments are being created and destroyed continuously. This puts stress on the memory allocation routines of an application undergoing testing by simulating a very busy, highly fragmented memory environment. This is version 2.0, featuring many bug fixes, a full intuition interface, configuration settings via the icon, and more. Includes source. Author: Justin V. McCormick FF243

Frags Reports the number of free blocks of size 2^(n-1) to (2^n)-1 for n up to 24 (blocks of max size 16Mb-1). Translation: Gives you some idea of how fragmented your free memory is. Includes source. Author: Mike Meyer FF69

Free A little command to put in your c directory that returns memory status and number of tasks currently served by EXEC. Includes source. Author: Joerg Anslik FF159, FF66

Free Display how much free space (bytes or blocks) you have on any or all of your mounted disk volumes. Runs from CLI only. This is version 1.06, an update to version 1.01 on disk 388. Free now searches your device list if desired (under AmigaOS 2.0+ only), and several minor bugs have been fixed. Includes source. Author: Daniel J. Barrett FF713, FF388

FreeCopy FreeCopy is unlike most copiers in that it does not actually copy disks. It removes the protection so disks can easily be backed up with almost any program, and in some cases be in- stalled on your hard drive. This is version 1.8, an update to version 1.4 on disk 498. Public domain, binary only. Author: Greg Pringle FF685,FF498

freedraw A small 'paint' type program. Free drawing, boxes, filled boxes, etc. Author: Rick Ross FF1, AM1

freemap Creates a visual diagram of free memory. Comes with custom icon so can be run from workbench screen. Author: Robert J. Mical FF5, AM4

FreePaint A freely redistributable painting program much like the popular DPaint program. Version 37 an update to version 35z on disk 548. Binary only. Author: Stefan G. Boldorf and Björn-Eric Trost FF627, FF548

FReq A general purpose file requester, which was designed to be easy to use and fast, with a built-in ARexx port allowing you to use it from ARexx scripts or applications with ARexx ports. Version 1.0, binary only. Author: Jeffrey D. Wahaus FF308

FRequest FRequest is a handy program which lets you select a file by using the ASL file requester and executes a CLI command with the given selection. FRequest can be easily used in batch files and has a lot of options. You can use it as an frontend for any program which does not directly support filerequester selections. It exchanges '[]' in the specified command line with the selection. It has a debug ability for testing of options before execution. This is version 1.55, an update to version 1.5 on disk 743. It now supports multiple file selections and the save filerequester option. Requires AmigaDOS 2.04 or higher. Freeware, binary only. Author: Hans-Peter Guenther FF827, FF743

Friends Cute little screen hack with command-line options to keep your mouse pointer company when you step away. Includes source. Author: Michael Warner FF161

fscape One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13, AM1

FSim A process simulation system for the Amiga. It calculates complex systems consisting of algebraic and differential equations and shows the results in a graphic representation. A user with only a small knowledge of C programming is able to use FSim to create complex models and connect them to a comfortable user interface. Version 1.0, binary only. Author: Jens Hartkopf FF836

FTOHEX Part of DASM used to convert a DASM executable into an Intel-hex formatted ascii file. FF168 & 169

fullfunc.txt List of #defines, macros, functions. C program. AM4

FullReset A program to get rid of all viruses, vector modifying programs, and residents, by forcing a specific reset. Binary only. Author: Jurgen Klein FF283

FullView A text viewer that uses gadgets at the bottom of the screen (thus can display text 80 columns wide) opens up to the full size of the Workbench screen displays ANSI color sequences and can load files compressed by PowerPacker. Also shows IFF pictures (which can also be compressed). This is version 3.04 an update to version 2.02 on disk 412 binary only. Author: Jonathan Potter FF583, FF412, FF287, FF242

FullWindow Resizes any CLI window using only CLI commands. Executable program and documentation. AM18

Fully Utilizing the 68881 Math Coprocessor Part III: Timings and Turbo_Pixel Function. Author: Read Predmore. AC11

FunBut Lets a function key act like a rapid series of left mouse button events. AM26

FuncKey A shareware function key editor, submitted by the author for inclusion in the library. This is version 1.1, an update to the version on disk 89. Binary only (source available from author). Author: Anson Mah FF106, FF89

FuncLib A program that allows you to add or remove rexx function libraries. Author: Jeff Glatt, Dissidents Software FF393

Function Evaluator: A program that accepts mathamatical functions and evaluates them. Written in C. By Randy Finch AC6

Funds AmigaBASIC program to track the prices of mutual funds or stocks. Includes source. Author: Bill Strack FF74

Furnish For those of you who may have ever used the 'scale size cut and place' method of determining your next living-room arrangement, this Amiga-ized version may be just what you need. Binary only, shareware. Author: Terry Gintz FF175

gad 'Fun with Gadgets'. Demonstration program for use of gadgets. Author: John Draper (aka 'crunch') FF1

GadgetED A program for creating and editing intuition gadgets. Includes a palette editor, generation of either C or assembly source, and binary saving for later loading and editing. Also comes with PatchGE, a program for converting the original format of GadgetED binaries to be loadable by this and future versions. Version 2.3, an update to version 2.0 on disk 438, includes source. Author: Jan van den Baard FF475, FF438

Gadgets Bryan Catley's AmigaBASIC tutorial. Source code and documentation. AM19

Gadgets Tutorial on gadgets from J. Draper. AM2

GadgetTest A programming example of how to create and handle all of the types of the new AmigaDOS 2.04 gadgets. Requires AmigaDOS 2.04 or higher. This is version 0.01, includes source. Author: Hans-Peter

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Last Minute Additions

Guenther FF824

GadToolsBox A program that lets you draw/edit GadTools gadgets and menus and then generates the corresponding C or assembly code for you. This is version 2.0, an update to version 1.4 on disk 731. Includes source. Author: Jan van den Baard FF842, FF731, FF659, FF570

Galaga A space 'blast-em' game with over 300 different animation frames in 16 colors, many levels, end of stage nasties, bonus levels, kamikaze raids, etc. Version 1.4, binary only. Author: Geert Coelmont and Romain Voes FF738

GALer GALs (Generic Array Logic) are programmable logic devices. 'GALer' is the software and the hardware which is necessary to program your own GALs. The supported GAL-types are GAL16V8, GAL16V8A, GAL16V8B and GAL20V8, GAL20V8A, GAL20V8B. The circuit diagram for the GAL device programmer is available from the author. Version 1.4, an update to version 1.3 on disk number 633. Now includes both English and German versions. Shareware, includes source. Author: Christian Habermann FF882, FF633

Gambit_Comp A compiler for the full Scheme Programming Language which conforms to the IEEE/ISO and Revised Report standards. Contains complete sources for the compiler and an interpreter. (Interpreter binaries can be found on disk number 764). The compiler is shareware and requires about 3Mb and a hard disk for effective development. The interpreter is Freeware and requires about 1.5Mb to run. Author: Marc Feeley, Amiga work and documents by Ken Dickey FF765

Gambit_Terp An interpreter for the full Scheme Programming Language which conforms to the IEEE/ISO and Revised Report standards. In addition, some code samples and tutorials are included. A companion disk, the Gambit Compiler can be found on disk number 765, it allows you to link in C code and build standalone native executables. It also contains complete sources for the interpreter and compiler. The interpreter is Freeware, and requires 1.5Mb to run. The compiler is shareware and requires about 3Mb and a hard disk for effective development. Author: Marc Feeley, Amiga work and documents by Ken Dickey FF764

GamePort A toolkit with link time and shared libraries that allow easy access to the GamePort device. Includes examples and test programs. Version 1.1, binary only. Author: Paris Bingham FF446

gameport Text, game port spec. AM5

Garden makes fractal gardenscapes. AM22

Garfield Garfield in LoRes FF72

GaryIcons A collection of more interesting and useful icons. Author: Gary Roseman FF190

Gauge Continuously displays memory usage in a vertical bar graph, similar to the workbench 'fuel gauge' type display for disk space. Binary only. Author: Peter da Silva FF111

gbox One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

GDiskDrive Text instructions to make your own 5 1/4 drive. AM8

GearCalc A bicycle gear ratio calculator. Version 2.2, an update to version 2.0 on disk 514. Binary only. Author: Ed Bacon FF641, FF514

Gears A program to calculate and display the gears of a multispeed bicycle. Works for bicycles with 3 to 21 gear combinations. Version 1.1, includes source. By Joel Swank FF304

Gels in MultiForth Parts I & II: Learn how to use Gels in MultiForth. Author: John Bushakra AC1

Gels in Multi-Forth-Part 3: The third and final part on using Gels in Forth. Author: John Bushakra AC5

geltools.c Tools for VSprites and BOBs. C program. AM4

Gemini Star-10 Printer driver for the Gemini Star-10. AM9

Gemini10X All-new printer driver for Star Gemini-10X and 15X printers. Features graphics resolutions twice as high as the Commodore provided 'EpsonXOld' driver. Version 35.1, binary only. Author: Michael Böhnisch FF892

Gen Program indexes and retrieves C structures and variables declared in the Amiga include file system. AM16

Genealogist ArJay Genealogist is a specialized database for keeping track of genealogical information. It features a full, easy to use Intuition interface. The program is totally non-sexist and secular in nature, and correctly handles multiple marriages, 'unconventional' marriages, adopted children, and unmarried parents. The printed reports include descendant and pedigree charts, personal details reports, family group sheets, and index lists of people and families. Free-form note files can be created using any editor, and IFF pictures can be viewed using any IFF viewer, from within the program. Other features include dynamic on-screen ancestor and descendant charts, extensive online context-sensitive help, flexible 'regular expression' searching, and multiple ARexx ports with an extensive command set. Up to 1000 people per database, with databases held in RAM for maximum speed and responsiveness. PAL or NTSC, AmigaDOS 2.04+ required. 1 Meg RAM recommended. Version 3.04, binary only. Author: Robbie J Akins FF865

Genesis A uniquely flexible and powerful program for generating and rendering fractal landscapes. Original algorithms allow incorporating fractal rivers as integral parts of the landscapes, with natural looking river valleys, gulleys, waterfalls, and lakes. A number of parameters can be varied to modify the landscape construction process and change the character of the final landscape, there is also great flexibility in the rendering. This is a demo version of the commercial product by the same name available from Microillusions and has some features disabled. Binary only. Author: James M. Bardeen FF501

GeoTime A software 'Geochron' that allows you to see the earth's shadow scroll across the world map or globe in real time, showing the earth's day/night state. This is version 1.2b, an update to version 1.0 on disk number 180. Runs under AmigaDOS 2.1 whereas earlier versions had some problems. Shareware, binary only. Author: Mike Smithwick (Distant Suns, AmigaTrek) FF758, FF180

GetDate A small program that allows users with an A500 or A1000 without a Battery backed-up clock to set the date and time from the startup-sequence. The user is prompted for the current date and time. The last date/time entered becomes the default for the next boot. Binary only. Author: James Weir FF867

GetDisks Sample program to find all available disk device names and return them as a simple exec list. The list is made of named nodes, with the name being the device name. By Phillip Lindsay FF56

GetFile A very nice filename requester with source code. By Charlie Heath FF41

GetImage An enhanced version of 'gi' from disk 14. It now looks for the GRAB marker, in the brush file, instead of assuming that it is at a specific place, sets up the PlanePick value in the Image structure, and deletes any unused bitplanes to save memory and disk space. Includes source. Author: Mike Farren, enhancements by Chuck Brand FF345

GetSC Gets the colourmap of a single specified or all available screens. The colour values are given in hexadecimal format. GetSC is also the perfect tool to compile a collection of colourmaps for use by the SetSC program. Version 2.00, shareware, binary only. Author: Chris Vandierendonck FF787

Getsprite A simple little program to convert Dpaint brushes into C-source. Binary only. Author: Michael Warner FF161

GetString A small utility that puts up a string requester and stores the result in an environment variable (either local or global) that can be used in Shell scripts. Requires OS 2.04+ and ReqTools.library. Written in E, source included. Author: Diego Caravana FF809

Getting to the Point: Custom Intuition pointers in AmigaBASIC. Author: Robert D'Asto AC10

GetVolume Sample program to get the volume name of the volume that a given file resides on. Works on any device, even the RAM: device. Author: Chuck McManis FF56

gfxmem An updated version of the graphical memory display program first released on FF1. Watch your machine's memory usage change dynamically under use! Author: Louis Mamakos FF14, FF1, AM4, AM1

gi Converts DPaint brush files to C source files 'necessary to create an Image structure, including height, width, depth, and color information, as well as the array of data which represents the bit planes of the image'. Author: Mike Farren FF14

GIFdatatype This program is a datatype that understands the GIF file format. Once installed, it allows any datatype-aware programs (such as MultiView) to read GIF files as if they were IFF. You can also use them as screen backdrops. Datatypes only exist at WB3.0 and greater. Version 39.2, binary only. Author: Steve Goddard FF813

GifInfo A small program that gives information about GIF files, such as size, number of colors, etc. Includes documentation in English and French. Version 1.12, binary only. Author: Christophe Passuello FF841

GIFMachine A program that will convert CompuServe GIF image files into IFF SHAM and 24bit ILBMs. It offers a number of extra options like dithering, horizontal and vertical flip, as well as automatic border removal. Requires KickStart version 2.0 or greater to run. This is version 2.137, an update to version 2.116 on disk 458. Includes source. Author: Christopher Wichura FF541, FF458, FF405

Glat's Gadgets: Using gadgets in Assembly language. Author: Geff Glatt AC6

Glib A text screen oriented librarian and editor for synths. Supports the TX81Z, DX100, DEP5, DW8000, and K-5. Includes source. By Tim Thompson, Steve Falco, and Alan Bland FF228

GlobeAnim An animation which displays a smoothly rotating earth. Includes separate versions for both PAL and NTSC systems. Author: Hannu Mikkola FF862

GlobeDemo A graphics demo which displays very smooth transitions of the rotating earth. Features a pop-up menu. Includes source. Author: Bob Corwin FF151

Globulus Demo version of a new arcade game that is reminiscent of the old Q-bert game. You control a cute little character and hop him around pathways in a diagonal kind of world, while trying to avoid bad things and catch good things. Binary only. Author: Innerprise FF449

GMC A console handler with command line editing and function key support. GMC provides extended command line editing, function key assignment in four levels, extended command line history, online help for functions in the handler, and an iconify function. Also includes an output buffer (dump to printer and window), filename completer, script function, undo function, prompt beeper, pathname in window title, close gadget for KS 2.0, etc. This is version 9.13, an update to version 9.11 on disk 587, with some new features and some bug fixes. Shareware, binary only. Author: Goetz Mueller FF683, FF587, FF434, FF398, FF387, FF291

GnuAwk GNU awk is the GNU Project's implementation of the AWK programming language. It conforms to the definition and description of the language in The AWK Programming Language, by Aho, Kernighan, and Weinberger, with the additional features defined in the System V Release 4 version of UNIX awk. Version 2.10 beta, includes source. Author: Paul Rubin, Jay Fenlason, Arnold Robbins, et al. FF406

GnuGrep The grep program from the GNU project. Replaces grep fgrep, egrep, and bmgrep. This is an update to version 1.5 on disk 295 and now handles AmigaDOS style wildcard specifications. Includes source. Author: Many (see README file) FF406, FF295, FF204

GNUPlot An interactive function and data plotting program which supports a great number of output devices. Includes extensive on-line help. This is version 3.2, an update to version 3.0 on disk 552. Includes source. Author: Thomas Williams, Colin Kelley, et. al. FF701, FF552, FF526

Go64 Another screen hack aimed at an earlier Commodore product (Not to be confused with the commercial product Go-64! from Software Insight Systems). With source. By Joerg Anslik FF156

GoalKeeper Computer Soccer administration program. With this program you can create your own mini-League with up to eight teams. Is fit for the European and the UK way of counting scores. Now you can really find out who's the best at 'Kick Off 2','Sensible Soccer' or real soccer! Version 1.0, includes source. Author: Camiel Rouweler FF886

GodsDemo Playable demo of a very popular European game. Author: Bitmap Brothers FF496

GoLD Game of Life - Duo. A 'Game of Life' extension. This one uses TWO strains of cells allows free redefinition of the rules and contains the original game as a subset. This is version 1.0 includes source in C and assembly. Author: Andreas Neubacher FF597

GoldED1&2 A GUI-based editor with lots of functions/ options. Highlights include: OS3.x look & functions (AppWindows, MenuHelp); Folding of paragraphs (unlimited nesting available); Menus fully customizable (easy-to-use requesters); Macro recorder; ARexx port (about 250 commands/options); AutoRefs capability (includes, autodocs, sources, ...); HotKey activation; Automatic phrase completion, based on dictionary; Smooth display, fast scrolling; Unlimited number of windows; ASCII character selection window; AutoBackup (any interval); Online help, (AmigaGuide); Insertion/ removal of columns; Clipboard support; Project files; Smart indentation; DICE compiler frontend, (GUIMake) ...and much more! A 2-part distribution. Version 0.94, binary only. Author: Dietmar Eilert (GoldED) & Rico Krasowski (GUIMake) FF908 & 909

Gomf Gomf stands for 'Get Outa My Face', a phrase many a programmer has mumbled when a Guru alert appears unexpectedly. This interesting little program can generally make the Guru go away and allow you to clean up and shutdown more cleanly. Version 1.0, binary only. Author: Christian Johnsen FF95

gomoku One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13, AM3

GoodDouble Some sample source using a couple of functions that make for MUCH EASIER handling of double clicks with ALL buttons. Works perfectly! (at least with DICE...). Version 0.3 Author: Piotr Obminski FF899

gothic Gothic banner printer. Prints DOWN the page, rather than across, so arbitrarily long banners can be created. Send EOF (CTRL-\) to end input. From a Decus C distribution several years ago. FF3

GoWB Very small (296 bytes) and effective replacement for the well known 'LoadWB' and 'EndCLI' command pair. This release fixes a severe bug in the first version which used to guru if run out of a script. With source in C. By Oliver Wagner FF346

GPrint A black & white graphics print utility for Epson compatible printers. Command-line options allow several different print qualities and densities. Includes a couple of sample IFF files for printing. V2.03, binary only, shareware. By Peter Cherna FF180

GrabIFF Lets you grab any screen, window, portions of a screen or a mousepointer-image as an IFF-ILBM-file, which can be used by nearly any paint program on the Amiga. Gives you lots of useful options. Implemented as a commodity. Version 1.00. Includes documentation in german and english language. Author: Hartmut Stein / Bernstein Zirkel Softworks FF704

GrabKick A tool to copy the contents of any Kickstart ROM into a file. Note that there are many legitimate reasons for wishing to make a file copy of a ROM image. I don't condone using this program for any illegal uses however. You should be aware of the laws in your region with regard to fair use of software, including software contained in ROMS. Version 1.1, includes source. Author: Ralf Gruner FF831

Graffiti Demo version of an art program with a feature set somewhat less than DPaint but more than many other such programs. Has a few special functions included like autoscrolling converting screens to other resolutions changing RGB values of the whole screen fast autoscrolling magnifier and many others. This is version 1.6e an update to version 1.5 on disk 610. Shareware demo binary only. Author: Marcus Schiesser FF620, FF610, FF531

Grammars A group of lexical grammar files for Ada, C and Pascal for use in conjunction with the flex program on this disk and the bison program on FF 155 By various authors, submitted by William Loftus FF156

Graph A program that draws mathematical functions on a plane. Text and axes may be added, and the result saved to disk or printed. Uses a full Intuition interface with multiple windows (one per graph), requesters, etc. V1.0, with source. By David Gay FF280

Graph Function graphing programs. AmigaBASIC Program. AM3

graphics.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

GraphicsPak A set of functions for general graphics operations such as boxes/lines, blitting, and opening/ closing the libraries. It is used by both of the PopMenu and ListWindow test programs. Includes source. Author: Paul Thomas Miller FF368

GraphIt A program to plot most simple functions in 2 or 3

dimensions, as well as 2d parametric equations in term of t. Includes source. Author: Flynn Fishman FF97

GraphPaper Creates graph paper. You specify the size and number of cycles in both the X and Y directions. Each major cycle may be divided into minor cycles and may be linear, logarithmic, or log/log. It will print the graph paper on any preferences supported graphics-capable printer. Version 1.2, includes source. Author: Bill Ames FF851

Gravity A program which simulates the movements of astronomical objects under the influence of gravity. For example, you can simulate the solar system or two stars circling around each other. Version 1.0, binary only. Author: Guido Burkard FF422

gravity Sci Amer Jan 86 gravitation graphic simulation. In C source code and executable. Documentation included. AM13

Gravity-Well A celestial motion simulator that simulates the motion of up to twenty bodies in a Newtonian universe. The view of the simulation may be scaled, rotated in three dimensions or repositioned. Includes source. Author: Gary Teachout FF250

GravityWars The object of this game is for one player to hit the other player's ship with a missle, before being hit yourself. The ships and planets don't move, but aiming the missle in the presence of gravity fields and black holes makes hitting your target difficult. Version 2.0, shareware, binary only. This is an update to the version on FF84. Author: Ed Bartz FF105, FF84, FF70

GravSim A program to animate up to 6 planetary masses, all of which exert a mutual gravitational force on each other. The planetary masses can be placed anywhere on the screen, and their mass and initial velocity can be determined by the user. The program then steps the animation through time, plotting and displaying the new position in the trajectory of each mass. V1.50, includes source. Author: Richard Frost FF223

GreekFont A 12 point font with Greek letters. Version 1.0. Author: Daniel Moosbrugger FF474

GreekFont This is a scalable vector font. It's the Greek equivalent of the Times Roman font. It includes the Greek typewriter setmap and is available as ADOBE TYPE 1, PAGESTREAM FONT (dmf-file), PROPAGE FONT & INTELLIFONT. This Font is shareware. Designed with FontDesigner. Author: Daniel Amor FF894

grep Decus grep (Get Regular Expression and Print). Useful for finding strings in files. Author: Unknown FF4, AM1

Grids Draw sound waveforms, and hear them played. AM15

Guardian Another virus diagnosing and vaccination program. Recognizes any non-standard bootblock. Includes a small utility program to permanently place the program on a copy of your kickstart disk in place of the seldom (if ever!) used Debug() function. Binary only. Author: Leonardo Fei FF154, AM25

GuiArc A graphical user interface for cli-based archivers like lha, arc, ape, zoo, etc. It has the 'look & feel' of a directory tool and can perform all basic actions on archives, such as Add, Extract, List, Test, Delete, etc. You can enter archives as though they were directories. You don't have to know anything about archivers. Fully configurable (Archivers not included). Version 1.10, requires AmigaDOS 2.0+, freeware, binary only. Author: Patrick van Beem. FF863

Guru Guru fantasy in LoRes FF72

Guru Handy 'guru' number interpreter (well, handy after reboot anyway!). Tells you what '81000009' means, for example. CLI usage only. Standalone image with readme file. Source code included. Author: Mike Haas FF239, AM25

GuruMed Text file explains the Guru numbers. This is an older file. AM8

GurusGuide The source files for all examples published in the 'Guru's Guide, Meditation #1: Interrupts' by Carl Sassenrath, the architect of the Amiga's low-level multitasking operating system and designer of Exec. Author: Carl Sassenrath FF203

Gwin This is version 2.0 of GWIN restructured as an AMIGA shared library. GWIN or Graphics WINdow is an integrated collection of graphics routines callable from C. These routines make it easy to create sophisticated graphics programs in the C envi- ronment. One-line calls give you a custom screen (ten types available) menu items requestors text circles polygons etc. GWIN is a two-dimensional floating point graphics system with conversion between world and screen coordinates. GWIN includes built-in clipping that may be turned off for speed. Use of color and XOR operations are greatly simplified. Many examples of the use of GWIN are included in an examples dir- ectory. Examples include line/bar graph program SPICE 2G.6 graphics post-processor and others. Extensive documentation is included. This is an update to version 1.1 on disk 433. Author: Howard C. Anderson. FF571, FF433, FF322

GwPrint An intuition-based text file print utility. Offers a wide selection of adjustable features for controlling pagination, headers, trailers, margins, date and page-numbering and various print styles/sizes. Version 2.0, binary only, shareware. Author: Gaylan Wallis FF367

GZip GNU zip is a compression utility designed to be a replacement for 'compress'. Its main advantages over compress are much better compression and freedom from patented algorithms. GZip currently defaults to using the LZ77 algorithm used in zip 1.9 but can also decompress files created by zip, compress, or pack. Version 1.0.5, includes source. Author: Jean-loup Gailly FF838

H2I Translates C include files into assembler include files. Useful for programmers that use both C and assembler code in the same program. Helps to keep the structure definitions consistent. Version 1.1, shareware, binary only. Author: Goetz Mueller FF387

H2J Converts 'C' style '.h' include files to JForth style '.j' files. Useful when developing interfaces to new Amiga libraries like ARP, etc. Standalone image and source code. By Phil Burk FF239

Hack This disk contains a port of the popular UNIX game 'Hack', done by John Toebes and the crew at the Software Distillery. This is version1.0.3D. I have copied all the files to a freshly formatted disk, to create the master distribution disk, using a command of the form 'copy df0: to df1: all'. This insures that disk fragmentation is kept to a minimum, but also has the unfortunate side-effect that all the file dates are changed. Note that this disk must be named 'Hack_Game'. I have elected to keep that name, rather than using the usual 'AmigaLibDiskXX' convention for disks in my library, to avoid requiring users to rename the disk before using it.-Fred. Released April 11, 1987 FF62, FF25, FF8&FF7

HackBench HackBench provides the source for a WorkBench-like program, for experimentation and validation of new interface ideas. It is not intended to be an actual WorkBench replacement. Author: Bill Kinnersley FF96

Hackdisk A complete replacement for trackdisk.device featuring a verify option and better performance. Hackdisk is supplied as an OS module that may be RamKick'ed or placed directly in the Kickstart ROM. This is version 2.00, an update to version 1.12 on disk number 783. Now includes support for 150RPM HD floppy drives and untested support for 5.25 inch drives. Free for non-commercial use, assembly source included. Author: Dan Babcock FF803, FF783, FF697

HackerSIn Text file explains how to win the game 'hacker'. AM9

HackLite An evolved version of the public domain game Hack, written by Jay Fenlason, Andries Brouwer, Don Kneller and various others. Hack Lite is a dungeon adventure game in the style of Rogue, Hack, Moria, etc. It uses a customizable graphical dungeon display. The package includes a simple-to-use installation program, and a 'Preferences'-style configuration editor. Many new objects, traps, monsters and ways to die have been added. Saved games are now much smaller, and a 'Tournament mode' allows several players to compete for the highest score playing in identical dungeons. Utilities included with Hack Lite were written by Jim Cooper and Doug Walker. Author: Alan Beale FF799, FF187

HagenDemos Joel Hagen's Badge Killer Demo contest entries, 'RGB' and 'Focus'. RGB was the overall winner of the contest. It requires one meg Amiga. Binary only. By: Joel Hagen FF112

haiku One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

Haktar A kind of Adventure Construction Kit based on an easy-to- learn interpreter language. With it, you can create moder- ately complex multiple choice adventures. Some example adventures are included. Version 1.6, includes source. Author: Guido Wegener FF655

hal9000m One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13, AM1

halfbrite Sample program that demonstrates 'Extra-Half-Brite' mode on latter AMIGA's with new VLSI chip. Allows 64 colors in low-res mode, rather than 32. Posted to usenet by Robert Pariseau. FF1, AM1

halley One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

Ham Bone: A neat program that illustrates programming in HAM mode. Author: Robert D'Asto. AC9

HAMCu Installs a custom copper list for the current active view (usually workbench) that contains all the colours from 0x000 to 0xfff. A neat effect and an easy way to show off the color capabilities of the Amiga. With source by Jonathan Potter FF204

Hames Some miscellaneous programs from Chris Hames. DirWork V1.01 is a fast, small, simple efficient DirUtility. FSDirs V1.3 is a floppy accelerator program. VMK V27 is a small virus detector/killer that knows about 27 different viruses and can detect new ones. NoInfo V1.0 stops programs from producing '.info' files. Binaries only. Author: Chris Hames FF328

HamLabDemo Demo version of an expandable image format conversion utility that converts GIF, IFF, JPEG, Targa, BMP, TIFF, PBMPLUS, MTV, Spectrum 512, QRT, and Sun images into IFF (normal, HAM, half- brite, and 'sliced' variations of each). Images can be scaled, dithered, color corrected, and cropped. This demo version is limited to processing images of 512 by 512 pixels or less. This is version 2.0.8, an update to version 2.0.6 on disk 712. Shareware, binary only. Author: Ed Hanway FF726, FF712, FF466

HAMmmm This is Phil's entry for the Badge Killer Demo Contest. HAMmmm displays lines whose end points are bouncing around the screen, which is a double buffered HAM screen. The Y positions of the points are continuously copied into an audio wave form that is played on all four channels, and the pitch of a just intoned chord is derived from the average X position of these points. Includes source in JForth. Author: Phil Burk FF118

HAMmmm2 Graphics hack that displays moving lines in a HAM screen for a hypnotic effect. Uses sound tools from HMSL, if available, for a drone sound that corresponds to the graphics image. Standalone image and source code. By: Phil Burk FF239

HamPics These are some of the most stunning digitized pictures yet for the Amiga. They were scanned at a resolution of 4096 by 2800 pixels, 36-bits per pixel, on an Eikonix 1435 slide scanner, cropped, gamma corrected, scaled, and converted to Amiga IFF HAM files. They are displayed with a special ILBM loader that handles overscan HAM images. Includes source for the display program. Author: Jonathan Hue FF196

HAMpoly A polygon drawing demo which uses HAM mode to produce polygons of any of the possible 4096 colors. Author: John Olsen FF52

hand. A program is also included for restoring the correct checksum of the Kickstart disk. AM25

Handler An example that implements an AmigaDOS Handler (device) in non-BCPL format. Author: Phillip Lindsay FF38

Handling Gadget and Mouse IntuiEvents: More gadgets in Assembly language. Author: Jeff Glatt. AC9

Handshake A full featured VT52/VT100/VT102/VT220 terminal emulator. The author has taken great pains to support the full VT102 spec. Supports ANSI colors, screen capture, XPR external protocols, user selectable fonts, ARexx, and more. This is version 2.20c, an update to version 2.12a on disk number 172. Binary only, shareware. Author: Eric Haberfellner FF449, FF172, FF60

HandyIcons Adds a menustrip to the WorkBench window that allows you to run selected Workbench Tools by menu selection. Can be set up to provide custom environments. Current version supports only WorkBench Tools and not Projects. Binary. by: Alan Rubright FF148

Hangman A simple hangman program similar to one seen on some UNIX machines. Currently runs only from CLI. Includes source in C. Author: Gary Brant FF299

Hanoi Classical demo program for recursion. Solves the towers of hanoi problem in a workbench window of its own. Author: Ali Ozer FF54

HappySong A song created using the freely distributable program MED V.2.10. Player program included. Author: Alex Van Starrex FF401

HardBlocks A shared library with support routines for Commodore's hard- block standard, and a small tool which demonstrates use of the library. Version 1.2, an update to version 1.1 on disk 653. Includes source. Author: Torsten Jürgeleit FF708, FF653

HardCopy A neat little program that creates a hardcopy transcript of any CLI session (like the UNIX 'script' program). Includes source. Author: David Cervone FF75

harp arpegio Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Hash Small example program that computes the AmigaDOS directory hash function. By Neil Katin at Commodore-Amiga FF20

hauntedM One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

Hawk A stereo image of a hawk. Requires red/green stereo glasses to view. No documentation, author unknown. FF206

HBHill This animation is one of Kevin's entries to the Badge Killer Demo Contest. It is the first known animation that makes use of the Amiga's 'Extra Half Brite' mode. Author: Kevin Sullivan FF126

HCC Amiga port of Sozobon, Limited's C Compiler, version 2.0. Can completely compile itself, supports 32 bit ints, and optimizer can 'registerize' variables. Includes compiler, optimizer, tool for creating interface code for Amiga system calls, startup code, C library, include files, and library routines that work with Motorola FFP format. Uses assembler A68k, linker BLink, and provided run-time shared C library CClib.library. Includes source. Author: Sozobon, Limited. Amiga port, bug fixes and enhancements by Detlef Wuerkner FF508

Hd Hex dump utility using some ideas from Mike Higgin's article in Computer Language magazine, Apr 86. Formats the dump based on the natural byte ordering of the machine on which it runs. Author: David Elins at NEC Information Systems FF20

HDClick A Harddisk-Menu and Workbench-Tool. Easily start programs, batchfiles or ARexx-scripts simply by clicking on a gadget. Opens its own screen or only a small window on the Workbench. Includes an AppWindow/AppIcon to view pictures, listen to samples, print texts or even decrunch archives by just dragging an Icon on the AppObject. Gadgets can have their own fonts and colors. Unlimited number of sub-menus. Easily configurable, with Online-Help. Requires OS 2.04. Version 2.53, an update to V2.0 on disk 605. Binary only, shareware. Author: Claude Müller FF891, FF605, FF439

HdDriver A complete driver for a WD-1002-05 hard disk controller card. This card can handle 3 hard disks and 4 floppies, but the driver currently only handles one hard disk. Includes source. Author: Alan Kent FF98

HDFixer Some of the newer A3000's have high density floppy drives. In the 37.175 version of Kickstart, HD disks are not completely supported in HD mode. This program patches the system so that Kickstart V37.175 owners are able to use 1.71 MB HD disks. This very user friendly, totally new programmed version, comes as a Commodity and supports the new OS2.x functions like Public Screens, scaleable fonts, shortcut gadget activation and so on. Requires Workbench 2.04. This is version 2.00, an update to version 1.10 on disk 690. Binary only. Author: Peter-Iver Edert FF806, FF690, FF645

HDMem Demo version of software that allows you to use virtual memory with OS2.0, version 37.x or higher, on m68020/m68851 or m68030 amigas. Supports task exclusion. The demo version is limited to 2Mb of virtual memory. Version 2.0, shareware, binary only. Author: Stefan Rompf FF740

HeadClean This program, combined with a fibre cleaning disk, can be used to clean the heads on your disk drives. Source code examples of accessing the Trackdisk device, and using gadgets are included. Standalone image with source code. Shareware. Version 2.0. Author: Phil Burk FF239

HeadGames A 'Shoot-Em-Up' game done with SEUCK game constructor, featuring digitized heads as enemies.

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Last Minute Additions

Binary only. Author: Neil Sorenson FF425

Heart3D A program to find left ventricle outlines in the output of an Imatron CT scanner, and display wireframe animations of the beating heart. Includes several sample CT scan outputs. Binary only. Author: Jonathan Harman FF236

Hed A handy little editor that is more user-friendly than 'Ed', yet doesn't require the memorization of complicated keystrokes of some of the larger, more powerful, editors. Binary only. Author: Hal Carter FF164

HeliosMouse Another 'sunmouse' type program. Automatically activates a window simply by moving the mouse pointer into the window. V1.1. Includes source. Author: Davide Cervone FF111, FF94

hello Demonstrates creation of a simple window, 'hello world'. Posted to usenet by Eric Lavitsky. FF1, AM3, AM4

Helper A little InputEvent hack, activated via the HELP key. Originally meant to provide a unique method of giving the user help (you don't have to put that help stuff into your own program). Now also contains a color requester and a small notepad. Version 1.01, with source. By Michael Balzer FF332

Henon A program for drawing Henon pictures. Includes 3 example parameter collections. Freeware. Binary only. Author: Stefan Zeiger FF636

Hex A file-based binary file editor with lots of features. Version 1.0, shareware, binary only. Author: Nicola Salmoria FF517

HexCalc Nice little hex/oct/dec/bin calculator and converter. Binary only. Author: Scott Ross FF67

HexDump Modula-2 program to display memory locations in hexadecimal. AM26

Hextract A complete header file reference. Definitions, structures, structure members and offsets, flag values, library contents, function definitions, registers, library offsets, prototypes, and pragmas. The data from a set of V2.x Amiga and Lattice header files is included and packed for immediate reference by Hextract. Version 1.3, an update to version 1.2 on disk 726. Freeware, includes partial source. Author: Chas A. Wyndham FF817, FF744, FF726, FF674

HFK Yet another TitleBar clock that tries to look like part of your Workbench title bar. It actually opens a very small, nondraggable window in the upper right corner of the screen. HFK opens on the default public screen, which will usually be Workbench. HFK uses almost 0% of CPU time, as it is written very efficiently in C, taking advantage of the timer.device, and only once a minute to render the time. Version 39.35, Requires Workbench 3.0, binary only. Author: Herbert West FF908

hidden One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13, AM1

Hide A small utility to allow you to run old or ill-written applications on systems with expansion RAM. When hide is running, all memory allocations take place in chip memory. Somehow, something like this missed making it onto my earlier disks. Binary only. Author: Francois Rouaix FF85

High Octane Colors: Use dithering in AmigaBASIC to get the appearance of many more colors. Author: Robert D'Asto AC5

hilbert An AmigaBASIC that draws Hilbert curves. AM11

HiraganaDemo Demo version of a Hiragana (Japanese caligraphy) learning module. This module allows the user to see the strokes actually drawn in the proper order to write each Hiragana symbol, as well as hear a digitized pronunciation of the syllable, and a word actually using that symbol. Demo version 1.2, binary only. Author: Wayne Quigley Sr FF662

HISpeed A high speed printing utility for DeskJet printers. Output is reduced to about 1/4 of its original size. The maximum processing speed is 4 pages/min. Supports ANSI ESC codes (e.g. Italics), single or double sided printing, multiple copies, and free layout. Two fonts are available. DeskJet RAM cartridge required. Version 2.7, shareware, binary only. Author: Dietmar Eilert FF697

Hollywood An easy to play trivia game with such subjects as M*A*S*H, Star Trek (old and TNG), Indiana Jones, general television trivia, and more. Each topic contains fifty questions and a related picture. Each time you answer a question right, a small portion of the picture is added to the screen. Shareware, binary only. Author: FF423

horse whinny Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Horse&Buggy Hanson cab in an IFF picture. AM7

Horses.pic Horses in an IFF picture. AM6

Household Bryan Catley's AmigaBASIC household inventory program. In C source code and documentation. AM19

HOW A game where the aim is to get a ball from the start square to the exit square while trying to turn all squares to the same color. As the ball moves across a square the color of the square changes in a cyclic order of four colors. Also includes a level editor program. Freeware binary only. Author: Peter Handel FF595

Hp A nice RPN calculator program that supports calculations with binary, octal, decimal, hex, float, and complex numbers. Other features include 32 registers for storing data and transcendental functions. Version 1.0, includes source By: Steve Bonner FF130

Hp-10c Program that mimics an HP-10c (Hewlett Packard calculator), in TDIModula2. By: Duncan Prindle FF38, AM18

HP11 Emulates an HP11C calculator including the program mode. Features an ON/OFF button that turns the calculator into an icon that will sit and wait until you need it again. This is version 1.1, an update to FF153, and includes a few bug fixes and minor changes. Binary only. By: David Gay FF274, FF153

HP3ps An intuitionized utility for changing modes on a Pacific Page Postscript Emulation cartridge. Allows you to select HP-PCL or POSTSCRIPT mode by simply clicking on a gadget. Version 92.02.09, binary only. Author: Scott Dhomas Trenn FF797

HPMam A program to manipulate settings and fonts on HP LaserJet+ printers and compatibles. Includes an Intuition interface and some sample picture files. Version 1.0, binary only, shareware. Author: Steve Robb FF153

HPMode A script file that sets fonts attributes and some printer commands for the Hewlett Packard DeskJet 500 printer. It accesses some features of the DeskJet that are difficult to set from preferences or the printer. Version 1.0 binary only. Author: Doris Ballard FF555

HR136 An IFF file containing a chart showing every possible mixture of the sixteen basic palette colors. Also included are optimized and monochrome palettes along with several tips and techniques for using them with various paint programs. By Dick Bourne FF182

HSV A small color palette utility that contains both RGB and HSV sliders for adjusting your screens colors. If the screen has 4 bitplanes or less, you can also save the palette to 'ENVARC: palette.prefs'. Requires AmigaOS2.xx, version 0.99, includes source. Author: Frank Ederveen FF791

HuePalette An AmigaBASIC program which explains Hue, Saturation, & Intensity. AM9

Humartla An arcade game where each player controls a jet and must destroy the opponents jet, which is accomplished when a jet has been hit 75 by either missiles or air mines. Binary only. Author: Jason Bauer FF462

HunkFunk A program to disassemble any given AmigaDOS hunk file, which includes executables, linker libraries, linker object files, overlayed files, etc. Written as an exercise by the author to learn a few things about AmigaDOS hunk structures. Includes source. Author: Olaf Barthel FF398

HunkPad HunkPad pads an object file out to where it is exactly a multiple of 128 bytes, thus making it immune to having garbage appended on to the end of it by xmodem type file transfer protocols. Version 2, includes source. By J. Hamilton FF92, FF84

HunkX A utility to examine the hunk structure of executables, static libraries, dynamic libraries or object files. Supports all AmigaDOS 2.0 hunks. For use with KickStart 2.0 only. This is version 2.00, binary only. Author: Peter Stuer FF703

HuntWindows Starting with 2.0 you can make screens bigger than the visual size of your monitor. On a double-size workbench, catching windows like requesters etc. can be quite annoying at times. This little utility hangs itself on the Vertical Blank interrupt to find out which window is being activated and moves the screen to show the window in full view. Version 1.4, includes source in assembler. Author: Jörg Bublath FF774

HWGRCS Part 1 and 2 of a complete RCS 5.6 port to the Amiga currently at patch level 2. It is not related to the old RCS on Disks 281, 282 & 451, but all new and shiny. The Revision Control System (RCS) manages multiple revisions of text files. RCS automates the storing, retrieval, logging, identification, and merging of revisions. RCS is useful for text that is revised frequently. For example: programs; documentation; graphics; papers; form letters; etc. Included are RCS 5.6, GNU DIFF 1.15 and LP as a neat V37 line print utility. Binaries and documentation are contained in part 1 of the distribution on disk number 855.Complete sources are contained in part 2 of the distribution on disk number 856. Author: Many, Amiga port by Heinz Wrobel, docs prepared by Hans-Joachim Widmaier FF855&856

Hyper Will lead you through documents that are written to be used with the legendary 'Am*gaGu*de' from Commodore. An ARexx port gives access to it from other applications. Requires OS 2.x. Version 1.17e, an update to version 1.15a on disk number 786. Shareware, binary only. Author: Bernd (Koessi) Koesling FF853, FF786, FF739

HyperANSI An ANSI editing program. Allows you to edit up to 999 pages at a time, with a unique 'transparency' mode which allows you to 'see through' the pages (and save as a single page). Other features include; Copy, Move, Fill, Replace, Flood fill, Text alignment & justification, line drawing, character paint ing (colors and/or text), half character painting, and keyboard remapping for all 255 IBM characters ...Plus more. Version 1.6, an update to version 1.02 on disk 803. Shareware, binary only. Author: Mike D. Nelson FF851, FF803

HyperBase Nice little shareware database management system. Version 1.6, binary only, source available from authors. Author: Michael MacKenzie, Marc Mengel, and Craig Norborg FF131, FF58

HyperDialer Database for names and addresses, full intuition interface. Dynamically allocated, with configurable script startup file. Iconifies to titlebar icon. Search, sort, insert, delete, full file requesters. Uses modem to control dialing of multiple phone numbers. Binary only, shareware, with source available from author. Author: David Plummer FF367

HyperNet A small hypertext shell program for Amiga, presented with sources and brief documents. It was also submitted by Glenn Everhart, the author. HyperNet allows a 'master' AmigaDos process to control a series of connected processes, where the connections are randomly ordered directed graphs. Permissible 'child' processes available at any stage are governed by the links of the graph. The implementation is mainly instructive, yet usable for tutorials or demonstrations and illustrates the simplicity of hypertext concepts on a multi-tasking system. FF176

Hypno A 'bouncing polygons' type program like Mackie, LineArt, and Bezier. Includes source in C. Author: Markus Schmidt FF297

Hypocycloids An electronic Spirograph inspired by an article in Feb '84 Byte Author: Terry Gintz FF27

IBM2Amiga Fast parallel cable transfers between an IBM and an Amiga C program. AM1

ICalc A powerful calculator with many features, including user de- fined variables and functions, C-style programming constructs, complex number calculations and more. Has comprehensive in- structions, and numerous examples. This is version 2.1, an update to version 2.0 on disk 695. Enhancements since prev- ious version include base-conversion facilities and scripts to perform numerical integration. Binary only, source available from author. Author: Martin W. Scott FF742, FF713, FF695

ICalc An expression calculator with many powerful features, in- cluding user-defined functions and variables, many built-in functions, script files, and special looping constructs. Handles expressions involving both real and complex numbers. This is version 1.1, an update to version 1.0 on disk 472. Includes source. Author: Martin Scott FF550, FF472

IceFrac A fractal generator using the Diffusion Limited Aggregation algorithm, as described in the book The Beauty of Fractal Images. This is version 2.1 and includes source. Author: Lars Clausen FF303

Icon A high-level programming language with extensive facilities for processing strings and lists. Icon has several novel features, including expressions that may produce sequences of results, goal-directed evaluation that automatically searches for a successful result, and string scanning that allows operations on strings to be formulated at a high conceptual level. Icon resembles SNOBOL4 in its emphasis on high-level string processing and a design philosophy that allows ease of programming and short, concise programs. This is version 7.5 of the public domain implementation of Icon from the University of Arizona. Binary only. Author: Ralph Griswold, Clinton Jeffery, et. al. FF277, FF81

Icon A tool which patches Workbench 2.x online to supply default icons for about 45 different file types ranging from LhArc archives to object code files. Enhances the 'Show All Files' option of Workbench which by default only knows two types of file icons: Tool and Project. If enabled scans all files in a directory which do not have an icon file supplied and tries to determine their file types. When done, tricks Workbench into believing that there are proper icons for these files in the directory. Includes source in 'C' and assembly language. AmigaOS 2.x required. Author: Olaf 'Olsen' Barthel FF535

Icon.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

Icon2C A simple tool to turn any Workbench icon file into 'C' sourcecode, similar to the program of the same name by Carolyn Scheppner on disk number 56. This version has an arp interface and offers support for Kickstart 2.0 icons. Version 1.2, includes source. Author: Olaf Barthel FF377

Icon2C Reads an icon file and writes out a fragment of C code with the icon data structures, for inclusion in a larger program. Author: Carolyn Scheppner FF56

Iconaholism A selection of some very nice looking icons designed for an 8-color WorkBench. Includes script files to view the icons in their intended colors. Author: R.G.Tambash FF364

IconAssembler This program loads existing WorkBench icon files and allows you to change either the primary or alternate images to another image loaded from an IFF-brush file. Binary only. Author: Stefan Lindahl FF101

IconAuthorDemo A replacement for IconEdit2.0. It can transform IFF images or brushes into resized 2-BitPlane brushes or icon files that match the WorkBench2.0 colors. Online help is available via 'Hyper'. Demo version limited to processing provided demo image only. Requires OS 2.x. Version 1.08, an update to version 1.06 on disk number 786. Shareware, binary only. Author: Bernd (Koessi) Koesling FF853, FF786, FF739

IconExec These two tools allow execution of a program from a SetWindow icon without having to recompile the program. Author: John Toebes VIII FF12, AM8

Iconify A subroutine that creates an icon on the Amiga screen that can be subsequently dragged around, and double-clicked on. You can use this to have your programs 'iconify' themselves to temporarily get out of the user's way. Includes source and demo program. Author: Leo Schwab FF126

IconImage Program to replace an old icon image with a new image, without affecting icontype, drawer data, etc. Includes source Author: Denis Green FF120

Iconize Reduces the size of IFF images, companion program, Recolor, remaps the palette colors of one picture to use the palette colors of another. Using these programs and a tool to convert IFF brushes to Workbench icons, make icons look like miniatures of the pictures. AM24

Iconizer A utility program that saves your current mouse pointer to a small icon. You can restore the pointer just by double-clicking on its icon. Allows for building a whole library of pointers and to use them whenever you want. Binary only. By Alex Livshits FF150

IconJ IconJ significantly enhances the IconX program, and is 100% compatible. It allows scripts to be executed by double-clicking the script's icon. Abilities include joining the script with the icon file itself, or calling it from any directory or disk, executing either AmigaDOS or ARexx scripts, outputing to any file or device, running interactive scripts and scripts that contain conditionals, and creating relative console windows. Includes a utility called AtatJ which attaches or detaches a script to/from an icon file. Version 1.0, includes source in JForth. By: Rich Franzen FF321

Iconmaker makes icons for most programs. AM15

Iconmerger Intuition-based program to take any two brush files and merge them into an alternate-image type icon. V2.0, binary only. By Terry Gintz FF182

Freely Redistributable Software

IconMk Iconmaker builds icons for files that were created without them. Version 1.2a, binary only. Author: Eric Levy FF71

Icons A bunch of 8-color icons for systems running AmigaDOS 2.0. Previously released 8-color icons from the author appeared on disk 213. Author: Wolf-Peter Dehnick FF533

Icons A large variety of icons for many uses, of practically every description. Most are animated. By: Bradley W. Schenck FF350

Icons A selection of 8 color hires icons for your viewing pleasure. Author: Ernst Janesch FF635

Icons Almost 300 icons in eight (!) colors. Uses a special program to get an eight color workbench to display these icons, which were made with DPaintII and IconGen. Most icons are miniatures of the main screen of their corresponding programs, or the picture they show, made with 'iconize' and 'recolor' from FF85. by: Wolf-Peter Dehnick FF213, FF151, FF124, FF82, FF71, FF67, FF44

Icons Some icons which can be used in the ToolManager dock window (ToolManager © by S.Becker) for instance. There are also a few tips for ToolManager users in the doc file. Author: Andre Weissflog FF806

Icons Some WorkBench 1.3 icons with a WorkBench 2.0 3D look. They also look pretty good under 2.0 when simply run through one of the many icon remapping tools available. Author: L. Guzman FF708, FF651

Icons Two collections of high-quality, consistently designed icons for the Amiga Workbench. The color collections will require an 8 color Workbench (i.e. Workbench 2.0). The black and white collections are useable on any normal 4 color Workbench. One set of icons is based on the icons supplied with the GEM windowing system, and the other set is modeled after the icons on a Silicon Graphics Personal Iris. A bonus set of ray-traced icons is included. Author: Kenneth Jennings FF546

IconSwap A small utility which allows you to quickly and easily swap the colors of your icons between the older 1.3 and the new 2.0-style. Version 0.14 includes source. Author: Uwe Röhm FF595

IconTools Four programs to manage some aspects of icons using the Intuition interface and allowing one operate on many icons at once by shift-clicking. FloatIcon 1.05 sets an icon so that the Workbench can freely place an icon in a drawer window. ReplaceTool 2.04 sets a new default tool for project icons using the Workbench icons or a file requester. ReplaceImage 1.01 changes the image of icons to that of another. Swap- Colors 1.01 swaps colors 1 and 2 in icon images. The last two programs will be useful for converting to the 'new look' of Workbench 2.0. Includes source in JForth Professional 2.0. Not related to IconTools on disk 284. Author: Richard Mazzarisi FF597

IconTools Here are some tools for icon tricks. Note that these tools are really hacks because they exploit some areas of the .info files that the current version of WorkBench does not clear or reset upon loading the icon. There are three programs here which allow WorkBench drawer windows to appear in non-standard colors and allow you to move the position of the file name text to anywhere in the icon's graphic. Released to the public in the hope that 1.4 will allow more flexible user customization of the WorkBench appearance. Includes source. Author: Stephen Vermeulen FF284

ICONtrol An easy to use CLI command that gives you control over Work- bench icons. It's main purpose is to update the look of your icons for AmigaDOS 2.0 which can be done by swapping the colors in an icon or giving new images to them. Moreover it can be used to clear an icon's absolute position in a drawer or on Workbench. So it is also a helpful tool if you are not yet using AmigaDOS 2.0. Version 1.0 binary only. Author: Stefan Winterstein FF603

IconType Change the type of an icon after editing with IconEd. Types are Disk, Drawer, Tool, Project, Garbage, and Device. Includes source. Author: Larry Phillips FF69

ICoons A spline based object modeller which can be used to generate objects in TTDDD format. TTDDD files can be converted to lots of different object formats by using the T3DLIB shareware package by Glenn Lewis. Line mode and Flat mode solid rendering as well as Gouraud and Phong shading. Requires a machine with a floating-point co-processer. Version 1.0, includes source. Author: Helge E. Rasmussen FF775

ID-Handler An AmigaDOS device handler, that generates unique identifiers. Generates a new unique 16 digit decimal number each time it is opened by an application. Version 1.0, includes source. Author: Ed Puckett FF87

IdleLED Turns the power LED off when the CPU is idle. It operates using timerA on CIAB. This is continuously reset by the idle task running at low priority (-127). When the idle task is preempted by anything, the timer is allowed to underflow causing the interrupt server to run which turns on the power light. Next time the idle task runs, it immediately turns off the power light. Version 1.0a, includes source. Author: Lindsay Meek FF904

IEv4Demo An icon editor which can create and modify icons up to 640x256 pixels in size, up to 256 colors, edit all non-graphical icon parameters including up to 40 tooltypes, import/export IFF images, recolour icons for DOS2.0, write text into icon in any font and style, scale icon images, edit default icons, select screen resolution and magnification for editing, and much more! Demonstration version of IE Version 4.0, update to IE on disk number 621. This version runs MUCH faster and uses MUCH less memory! Requires Workbench 2.04+. Binary only. Author: Peter Kiem FF910, FF621, FF377, FF342

If2.0 A CLI/Shell command, which decides whether your Amiga is running OS v2.x or OS v1.x and then executes a corresponding command line/argument. Especially useful for zKick-using Amigas. Version 1.2, includes C-Source. Author: Thomas Arnfeldt FF798

IFF A program to display single or multiple IFF files from Work- bench or CLI. It has been written in 100% assembler to be as small and fast as possible. This is version 1.7, an update to version 1.6 on disk 619. Binary only. Author: Nic Wilson FF642, FF619

IFF A program which converts sampled sound files from the Instruments dealer demo disks to IFF sampled sound files in a FORM 8SVX Author: Bobby Deen FF43

IFF pictures parodies of the covers of Amiga World and Amazing Computing magazines. AM16

IFF Routines to read and write IFF format files. Includes program to display IFF files made by DPaint. Also see the DPSlide program on disk 11. By Jerry Morrison, Steve Shaw, and Steve Hayes FF10

IFF specs This disk contains a number of files describing the IFF specification. These are not the latest and greatest files, but remain here for historical purposes. They include text files and C source examples. The latest IFF spec is elsewhere in this library. AM5

Iff2Ansi Turns any two-color low-res IFF picture into ANSI text that can be displayed on any ANSI compatible terminal. This is version 0.1, includes source in assembly. Author: Carnivore/BeerMacht FF449

Iff2C Another IFF ILBM to C converter. Two unique features are the ability to generate comments representing the actual image, and the planepick computation. V 0.30 with source. Author: Gauthier Groult and Jean Michel Forgeas FF316

Iff2Ex A program to convert IFF pictures to an executable. It can handle NTSC/PAL, interlace and overscan. Version 1.0, binary only. Author: Pieter van Leuven FF331

Iff2Pcs An interactive puzzle program that takes any IFF file containing up to 16 colors, and breaks it up into squares to make a puzzle which the user can then piece back together again. Version 1.1 includes source. Author: Ali Ozer FF136, FF122

Iff2Ps A program to convert any IFF file to postscript for printing or viewing on a postscript compatible device Version 1.2, binary only. Author: William Mason and Sam Paolucci FF94

Iff2Src A utility to convert IFF pictures or brushes to source (C or assembly). The bitplanes, mask, colormap and image are written to a file. You can convert multiple files at once. Supports new 2.0 AppIcon windows (like IconEd). AmigaDOS 2.0 only. Version 1.0, binary only. Author: Jorrit Tyberghein FF420

Iff2Sun A small utility for those of you who may have access to a Sun workstation. Takes an Amiga IFF file and converts it to a Sun rasterfile format. Update to FF174, with better parsing, support for HAM mode, and some bug fixes. Source only, as the program needs to be re-compiled and run from a Sun. Authors: Steve Berry, Mark Thompson FF223, FF174

Iffar Maintains archives of Interchange File Format (IFF) FORM, AT and LIST files in a manner that complies with the IFF CAT specification. Version 1.2, with source. By Karl Lehenbauer FF162

IFFBeep A small utility that lets you replace the screen flash of DisplayBeep() with any IFF 8SVX sound file. Also plays sounds on disk insertion/removal. It can be run from the CLI or Workbench and includes an interactive control panel. Version 2.0, binary only. Author: Paul Wilkinson FF472

IffBoot Inspired from BOOTLOGO by Markus Illenseer, allows you to show any IFF file during bootup that will exit when the WB appears. Version 1.0, requires OS 2.04 or greater, binary only, includes some sample pictures. Author: Colin Bell, some IFF pics by Justin Trevena FF800

IFFBrush2BOB by Mike Swinger. AM14

IFFConvert A program to convert the different compression methods of IFF ILBM files. It supports the normal compression, a new compression method that compresses column by column instead of row by row, and uncompressed files. Version 1.11, includes source. Author: Matthias Meixner FF699

IffDump Two programs for manipulating IFF files. IFFENCODE grabs an active screen and writes it to a file in IFF format. IFFDUMP decodes information in arbitrary IFF files and prints it in a human readable form. Author: Matt Dillon FF38

IFFLib An easy to use Amiga library which gives you some powerful routines for dealing with IFF files, especially ILBM files (pictures), ANIM files (animations), and 8SVX files (digi- tized sounds). It is written completely in assembler and is just 3Kb. Includes source and binaries for several example programs that use the library. This is version 22.2, an update to version 16.1 on disk 301. Binary only. Author: Christian A. Weber FF674, FF301, FF173

IFFM2 Demo version of an IFF support module for Interface Technologies M2Amiga Modula-2 system. Includes a version of ViewILBM (with source) that uses the IFF support routines. V1.0.0D, binary only. Author: Gregory Epley FF221

IFFtoSUN This program takes a standard IFF format image and translates it into a SUN rasterfile format, like the Iff2Sun program also on this disk. However, this one runs on the Amiga. V1.31, includes source. Author: Richard Frost FF223

IFFWizard IFFWizard shows all chunks of an IFF file together with a short description and the chunk lenght. It knows over 170 Chunk- IDs and Type-IDs and descends recursively into FORM- LIST- CAT- and PROP-chunks. This distribution also contains a companion file with a list of all chunk- and type-IDs known by IFFWizard. This is version 1.10. Freeware. Source in C included. Author: Stefan Zeiger FF584

Ifs An Iterated Function System viewer which graphically displays iterated function systems and allows the user to interactively create the affine functions that define such systems. An IFS can represent complex pictures very compactly. Simple IFSs can describe an infinite number of different and interesting fractal displays. Includes a number of displays that the author and others have discovered. Version 1.5, includes source in C. Author: Glen Fullmer FF321

IFSgen An Iterated Function System generator. Generates pictures of ferns trees galaxies snowflakes and many others using IFS codes (a type of fractal). Features full mouse control of the functions which define the picture. Just point the mouse at one of the parts of the shape and drag it around the screen. Fully menu driven with the ability to load and save IFF pictures and the codes that generate them. Fine tune codes and move them around the screen zoom in and out and much more. Lots of example files. Written in AMOS and compiled so that you can run it from WorkBench. Version 2.1 shareware version with saves disabled binary only. Requires 1 Mb of memory or more. Full source code available when you register. Author: Andrew Kreibich FF554

IFSLab An Iterated Function System fractal generator. This one focuses on the 'Collage Theorem'. It permits you to draw an approximate outline of the planned fractal, then create the collage directly, jigsaw-puzzle style, from actual reduced images of the outline that you can manipulate and deform with the mouse. The attractors of the resultant IFS codes can be rendered in black and white or in grayscale, and saved to IFF files. Version 1.0, includes source in C. Author: Nathan Zeldes FF696

IInfo A replacement for the DOS 'Info' command written in assembly. This program has a similar output format and takes the same parameters. It has the added advantage of including maximum filesize in bytes that will fit on a disk. Coded in optimized assembly language it is smaller than the original DOS command. Version 1.00 binary only. Author: Nic Wilson FF626

ILBM The ilbm reader/writer library 0.5 and examples. Also can be used for non-ILBM files. 100% compatible with original Electronic Arts code. Binary only. Author: Jeff Glatt FF463

ILBM2C Very useful utility for C-programmers. Reads in a standard IFF ILBM file and outputs a file to be included in your program. Source plus a sample program. By Tim Kemp FF173

ILBMLib A shared library (ilbm.library) to read/write IFF files, derived from the EA IFF code, along with various enhancements. Version 0.3, a partial update to version on disk 348. Author: Jeff Glatt, Dissidents Software FF393, FF348, FF237

IList A simple list program which displays the data of all open screens and their connected windows. OS 2.xx only. Version 0.1, PD, includes source. Author: Hans-Peter Guenther FF744

Image-Ed An icon editor that allows you to draw and edit images up to 150 by 90, in up to 16 colors. Allows freehand drawing, empty or filled rectangles, ellipses, triangles, lines curves, and polygons, copy, flip about x or y axis, stretching and condensing, flood fill and complement, text with selection and loading of font style, undo, magnified and normal sized images, and two active drawing screens at once. This is version 2.4, an update to version 2.2 on disk 242. Shareware, binary only, source available from author. Author: Jonathan Potter FF412, FF242, FF211, FF204, AM4

ImageEditor A simple to use graphics editor which allows you to draw and save images/sprites as assembler or C source code. Includes IFF support, undo, and an iconify function. Another feature is the small memory usage so you can use multitasking even on a 512K machine. Maximum picture size is 166*58 pixels. This is version 2.4 and includes source. Author: Robert Junghans FF355

ImageLab A program which performs image processing on IFF pictures. Includes standard image processing functions such as convolution, averaging, smoothing, enhancement, histograms, FFT's, etc. Also includes file conversion functions, a clipboard, and other useful functions. Version 2.4, an update to version 2.2 on disk 243, includes bug fixes, PAL support, overscanned and super-bitmap image support, improved paint operation, better area selection, HAM histograms, and FFTs. Binary only. Author: Gary Milliorn FF452, FF243

Images Miscellaneous DPaint and digitized pictures, in IFF format. Some are rated R. FF12

ImageTools A set of shareware tools, submitted by the author, to do various manipulations on IFF images, including comparison of the color palettes of a pair of IFF images, filtering an IFF image in various ways, producing a color usage frequency chart for an IFF image, reducing the size of an IFF image to produce a miniature to use as an icon, converting an icon to an IFF image, and recoloring an IFF image using the palette of a second image, in a least squared error fashion. Shareware, binary only. Author: Stephen Vermeulen FF85

IMandelVroom A slightly modified version of Kevin Clague's mandelbrot program (on FF78) that uses his 'ring detector' to draw an approximation of the interior strange attractor contours. Binary only (with patches for original source). Author: Kevin Clague, enhancements by Howard Hull FF90

ImLate The White rabbit in HiRES color FF72

Imperium Strategic, RISK style game for up to four players. Based in the ancient times of Rome, Athens, Alexandria and Carthago. Binary only, shareware ($10), Manx-C source available from the author. English version 1.66E and German version 1.79D. Update to version 1.50E on Disk 362. Author: Roland Richter FF474

Imperium_Romanum Strategic, RISK style game for up to four players. Based in the ancient times of Rome, Athens, Alexandria and Carthago. Binary only, shareware ($10), with C source available from the author. Version 1.50E.

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Last Minute Additions

Author: Roland Richter FF362

Imploder Allows you to reduce the size of executable files while letting them retain full functionality. Uses efficient algorithms (both time and space) as well as taking into full consideration the complexity of the Amiga environment. Very well done. Version 3.1, binary only. Author: Peter Struijk and Albert J. Brouwer FF422

Improving Graphics: Improve the way your program looks no matter what screen it opens on. In C. Authro: Richard Martin AC5

Incr Incr will easily allow the user to keep a total count of any event run from a batch file. Incr will take a number from a file, increment it by one and display the result. The new count is written back to the file. Version 1.04b, includes source. Author: George Kerber FF311

IncRev A small program for a makefile or an Imkfile to update a program's revision number after each successful compile process. This is version 1.10, an update to version 1.03 on disk number 536. Includes source in C. Author: Joerg Fenin FF777, FF536, FF161

Indent A C source code formatter/indenter. Especially useful for cleaning up inconsistently indented code. Version 1.8, an update to version 1.7 on disk 821. Includes source. Author: Various, Amiga port by Carsten Steger FF892, FF821, FF702, FF672

Indent This is version 1.1 of GNU Indent, a C source code formatter/indenter. Especially useful for cleaning up inconsistently indented code. Includes source. Authors: Developed by the University of California, Berkeley, the University of Illinois, Urbana, and Sun Microsystems, Inc. GNU version by Jim Kingdon, Amiga port by Dan Riley. FF262

Info Replacement for the AmigaDOS info command. Includes source. Author: Chuck McManis FF79

InfoQ A replacement for the CLI 'Info' command. Has the option to display devices or volumes or specified devices only. Displays the columns 'Size' and 'Used' in MBytes or KBytes instead of blocks. Requires AmigaOS 2.04. Version 1.0, includes source. Author: Dieter Temme FF763

InfoTools Several tools to query information about or to disassemble Infocom game files. Source in 'C' is included. Author: Mark Howell, Amiga port by Olaf Barthel FF834

Ing The next step in the 'boing wars'. Turns a nice screenful of little windows into a screen of lots of bouncing little windows. Cute! Author: Leo 'Bols Ewhac' Schwab FF54

Input A toolkit with link time and shared libraries that allow easy access to the Input device. Includes examples and test programs. Version 1.1, binary only. Author: Paris Bingham FF446

Input How to read keyboard input simply and quickly. Includes C source, a sample program, technical discussion, and programming modules that you can 'plug in' to your own C programs. Includes source. Author: Timm Martin. FF436

Input.dev In combination with hander.interface.asm (supplied), lets a user trap keyboard or mouse events before they get to Intuition and if desired, install new (phony/ generated /other-devices-mouse-simulations) into the input stream. Handler.interface.asm is needed to convert the calling sequence performed by the input.task for the input stream management into something that a C program can understand. By Rob Peck 12/1/85 FF5, AM4

Inputdev.txt Preliminary copy of the input device chapter. C program. AM4

Inputhandler Example of making an input handler. AM16

InputLock An input handler to help Amiga users who have cats other pets (or children) that mess with the Amiga as soon as it is left for a second. It installs an input handler which lets you lock the keyboard and mouse by pressing a few buttons. Very small, uses only 190 bytes of memory. This is version 1.1, an update to version 1.0 on disk 483. Includes source in assembler. Author: Preben Nielsen FF494, FF483

InputView A small tool for AmigaDOS 1.3 to record the input stream at a given time and then insert the recorded events again later instead of the user input. Version 0.24 includes source. Author: Uwe Röhm FF599

InScript A program for producing video titles. Features include fully editable text entry, IFF pictures as background, unlimited number of fonts loaded at one time, up to 99 undos, outline font support (WB 2.0), text styles (shadow, outline, etc) can be named and saved, toolbar for common operations, playback script maker with transitions between pages, adjustable color cycling, low, high and interlace resolutions with overscan, adjustable kerning, and comprehensive text alignment options. InScript can save InScript data, IFF pictures or animation files. At least 1 mb memory required. Version 1.1, share- ware, binary only. Author: Gary Smith FF739

InspireDemo Demo version of a new, easy to use, AmigaDOS 2.0 text editor. The demo is the same as the registered version, except that save and print are disabled in the demo. Inspire uses the new features of AmigaDOS 2.0 extensively, including using the ASL requester for font and file selection, and the gadtools library for standardized gadgets. The display database is used so you may open any type of screen that your computer is capable of. Features include an ARexx port, undo, find and replace, bookmarks, text centering, word wrap, case conversions, clipboard support, auto indenting, and more. Version 1.2, binary only. Author: Josh Van Abrahams FF815

Insta Sound: Tapping the Amiga's sound from AmigaBASIC using the Wave command. Author: Greg Stringfellow AC3

Install A replacement for the AmigaDOS Install command, with an Intuition front end. This is version 1.2, an update to version 1.1 on disk 643. Includes source in assembly. Author: David Kinder FF817, FF643

Install Drivers A document describing the installation process for printer drivers. AM9

Install Two Possible replacement versions of the standard install program (to make a disk bootable). Includes source. Author: Bryce Nesbitt and Scott Turner FF87

InstallBeep This program replaces the DisplayBeep function so that an IFF 8SVX sound is played instead of the screen flashing. The PlayBeep function runs as a task in the background and runs asynchronously so the length of the sound does not slow anything down. Includes a couple of sample sound files. Version 1.1, binary only. Author: Tim Friest and Don Withey FF217

Installer A replacement for the installer tool by Commodore. It's an interactive, user-friendly installer, that can perform a complete, sophisticated installation. GadTools user interface and the ability to save a preferences file and a lots of options. Step by step installation, ask, update, makedir, options, etc. Controlled by a simple script which contains the names, patterns and/or vars of the installation programs. OS 2.xx only, includes installation script for itself. Version 3.1, freeware, binary only. Author: Hans-Peter Guenther FF761

Installer Archive distribution of the Amiga Installer utility direct from Commodore. Contains V1.24 of the Installer, documentation and examples for developers to use when developing their software. Also contains various enhancements and fixes detailed in the documentation enclosed. The documentation has also been enhanced and brought up to date. Author: Commodore Business Machines FF870

InstallLibs A program to copy files to the LIBS: dir of a boot disk. Can be used to create a handy installation program (hard disks especially) for programs that need disk-based libraries. Includes source. By: Dissidents Software FF348

Instruments A collection of 25 instruments (from Cannon to Marimba) for playing and creating music. AM23

InTime A program to overlay a 'timecode' onto videotape while making working dubs of original footage. The display consists of a tape number, hours, minutes and seconds. It is designed to be used as as aid in logging and finding sections of a video tape. The display can be in any shown in any font. This is version 1.2, binary only. Author: Gary Smith FF736

Intoxicated A nice little screen hack which affects the mouse. Saying any more would spoil the fun. Includes source. Author: Thomas Albers FF416

Intrepid An arcade/strategy game in which you must navigate a high tech tank through the Antarctic to rescue a scientist taken hostage by terrorists. Version 1.5, binary only. Author: Peter Gage FF665

IntuiDOS IntuiDOS is a program to give improved control over, and handling of, the material on all diskettes in the 'CLI-area' by employing a multi-disk, scrollable directory and using Intuition techniques to issue DOS commands. Written in assembler. Binary only. Author: Lennart Sandin FF103

IntuiFace An intuition interface that handles the important functions of creating, inserting, extracting and listing files for three popular archiving utilities: ARC, ZOO and LHARC. Version 1.00, binary only, shareware. Author: Matthias Zepf FF366

IntuiSup A shared library which implements extensions to the Amiga operating system and graphical environment. Includes several example programs that make use of the library, including building a nifty file requester from the library's user interface routines. Version 1.15, binary only. Source available from author. By: Gauthier Groult FF316

Intuisup A shared library with support routines for using texts, menus, borders, gadgets, requesters, and more, under AmigaDOS 1.3. Includes a template editor and source to library and test programs. This is version 4.5, an update to version 4.4 on disk 715. Author: Torsten Jürgeleit FF722, FF715, FF708, FF654, FF601, FF562

Intuition demo An Intuition demo, in full C source, including files: demomenu.c, demomenu2.c, demoreq.c, getascii.c, idemo.c, idemo.guide, idemo.make, idemoall.h, nodos.c, and txwrite.c AM4

Intuition.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

IntuitionEd Intuition based utility that creates C source code for screen, window, border and text structures. IntuitionEd can also write the code for several functions required for the opening and closing of these structures. The code can then be compiled by either Manx and Lattice. Shareware donation to the author will receive an enhanced version capable of writing gadget structures as well. Version 1.0, binary only, several samples included. Author: Niels Thorwirth FF377

IObject A linker library that emulates some gadgets of the gadtools library (CheckBox, Cycle, Button, Scroller, Integer, String) and an area of text with scrolling. Works with all versions of WorkBench. Includes examples and documentation in English and French. Binary only. Author: Christophe Passuello FF846

IOBoard Full plans for a public domain hardware project which adds two parallel ports and two serial ports to an Amiga 500, 1000, or 2000, for less than $100, with the capability to upgrade to four ports of each type at any time. Includes serial and parallel drivers with source code. Version 2.10. Author: Jeff Lavin, Dan Babcock, Paul Coward FF520

IPC An IPC (Inter-Process Communication) package, with the goal of creating a standard for IPC on the Amiga that is flexible enough to handle the widest possible range of applications. The protocol used addresses different problem areas than ARexx, and emphasizes different aspects of the communication process, such as fast communication and preservation of data structure. Includes source. Author: Pete Goodeve and Peter da Silva FF290

IPDevice Pipes for Power People. A pipe-like DOS device that passes data immediately rather than waiting until a buffer is full. It also allows multiple writers to a single channel, maintained connections, and piped connections to a Shell. Binary only. Author: Pete Goodeve FF374

IPo2C A utility to write a C-language definition of the current intuition pointer to a file, which can then be used in a program via SetPointer to mimic the intuition pointer. Includes source Author: Alex Livshits FF105

IRA Allows easy calculation of future values of investment. Enter the beginning investment value, annual percentage rate, annual deposit amount, and number of years, to compute the future value. Version 2.0, includes source. Author: Joel Swank FF304

IRMaster This is a hardware/software project to allow the Amiga to read an infrared remote control via the parallel port. Includes an ILBM of the schematic for a simple interface to the A1000 parallel port, some modifications are needed for other Amigas. The source code and executable for a reader program are included. For further functionality modifications to the source can be performed. Author: Ron Peterson FF477

ISAM A Server/Library. Even novice programmers can store/ retrieve database records. Powerful, multi-'user', almost unlimited number/size of records/files. Different users may access same file, file/record locking (exclusive/shared), multiple keys/ file. Keys may: ascend/descend, overlap each other, have unique/repeatable values, be up to 499 bytes. Many record retrieval methods. Recover Index file if lost/corrupt. Deleted record space reclaimed. Small: server < 49K; Resident Library < 8K. AmigaDOS V1.2 and up, shareware, binary only. Version 1.01, contains examples w/source. Author: Scott C. Jacobs. FF766

Isam A library of routines to access relational data base systems using the Index Sequential Access Method (ISAM). This is beta version 0.9, binary only. Author: Kai Oliver Ploog FF203

Ishid-o-matic An Ishido type game. Lots of features, like single player, two players, tournament mode, highscore tables, sound, etc. Includes partial source in Modula-2. Author: Robert Brandner FF664

ISL Imagine Staging Language, a decompiler and compiler which allow the user to create and modify Imagine staging files in a manner much more powerful than that provided by Imagine itself. Imagine is the 3d rendering and animation program published by Impulse. ISL does not require any particular version of AmigaDos, but it only works with version 2.0 of Imagine. Version 1.4, binary only. Author: John T. Grieggs FF845

ISpell An 'Amigatized' port of a Unix version of a freely distributable interactive spelling checker. Two major modes of operation: Original Interactive Mode to allow a user spell check and correct a text document and ARexx Server Mode that allows the end user to hook ISpell up to text editors and other things that need a spell checking service. Regular expression lookup of word patterns is also possible in ARexx Server Mode. Includes Arexx macros for GUISpell (included), CygnusEd, Mg, TurboText, GNU emacs, VLT and WShell. Version 3.3LJR, an update to the version released on disk number 191. Requires AmigaOS 2.04 or later. Includes source. Author: Many! Current version by Loren J. Rittle FF774, FF54

Ist68010 Text guide to installing a 68010 in your Amiga. AM9

Itb This program converts an icon to an IFF picture (brush) file. It handles both single and alternate image (animated) icons. This is version 1.10 which adds a colour palette to the previous version from disk 85. Version 1.10, binary only. Author: Stephen Vermeulen. FF326

JACOsub Timed script player for professional-quality video titling. Extremely flexible script format allows generation of outlines & shadows around multiple fonts, complete control over position, style, margins, color, auto-wordrapping, etc. Time events may be non-sequential and overlapping. Displays IFF graphics with the title text. Several 3rd-party script formats supported. True multiple-video buffering for superclean transitions between displays. On-the-fly shift and ramp time adjustments. Thoroughly tested by many users. Version 1.5 shareware, binary only, includes demo and fonts. Author: Alex Matulich, Unicorn Research Corporation FF887

Japanese Two programs to help teach Japanese. 'Word A Day' is a popup program to put in your WBStartup drawer. It will randomly select one word out of it's 1019 word database and display it along with the English. 'JapaneseVocabulary' is a quiz type Japanese vocabulary builder. Both programs are standalone and complete, and also work with the 'Japanese Talking Picture Dictionary' by the same author. Author: Wayne Quigley Sr FF839

JAR A shareware game (Jump And Run) using 3-D graphics. Your task is to collect the blue pills lying on the floors and steps, not to fall down or off the steps, and to avoid several monsters wandering about. You can collect various sorts of weapons to use against the monsters. Version 1.0, binary only, source available from author. Author: Andreas Ehrentraut FF242

Jask An intuition-based replacement for the ASK command. Will bring up a requester with a message and boolean yes/ no type gadgets. Version 1.0, includes source. By John Barshinger FF177

JayMinerSlides These are the Amiga slides produced/used by Jay Miner (the designer of Amiga's custom graphics chips) in his talks about the Amiga. They are all hi-res (640 x 400) and are best displayed on a long-persistence color monitor FF19

JazzBench A drop-in multitasking replacement for WorkBench. It has more features that WorkBench and is fully multitasking (no more waiting for ZZZ clouds). It allows you to extend it, add your own menus, key shortcuts, etc. This is alpha version 0.8, binary only. Author: David Navas FF228

JbSpool A print spooler written specifically for AmigaDOS

Freely Redistributable Software

2.0. Has been implemented as a commodity and written with the 'User Interface Style Guide' close at hand. Features a complete font adaptable GUI containing a lot of control gadgets and menus. Version 1.0, includes source. Author: Jan van den Baard FF656

JcGraphDemo Demo version of a ShareWare Business grapher with an Intuition interface. JcGraph can show your data as bar, line, planes, stack, blocks, 2D and 3D, etc. Features realtime rotation around X, Y, Z axis, on-line help, professional looking 2D and 3D graph output, and more. Can output EPS, 3D GEO, AegisDraw2000 and IFF ILBM format files. Demo version 1.100, an update to demo version 0.903 on disk 671. Binary only. Author: Jean-Christophe Clément FF760, FF671

JeansIcons Miscellaneous cute icons created for AMUC's monthly newsletter disk. Submitted by Stephen Vermeulen. Author: Steve Jeans FF137

JEd Yet another programmer's editor. Lots of features, including: total customization, a powerful programming language, multifile/multi-view editing, number of windows is only limited by memory, clipboard support (cut/paste on any unit), any window can have any (non-proportional) font, an Arexx interface, and more. Version 2.05, (apparently unrelated to the version of Jed on disk 297). Requires OS2.0 or later, includes source. Author: John Harper FF776

Jed A nicely done, intuition-based editor that is quite user-friendly. Features word-wrap, auto-indent, newcli, alt buffer, split-window, keyboard macro, help, printing, and more. V1.1. Shareware, binary only. Author: Dan Burris FF297, FF180

JEyes Amiga version of XEyes, a program which opens a window on the WorkBench screen containing eyes, which follow the cursor about the screen. Version 3.0, binary only. Author: John D. Gerlach Jr. FF712

Jimmy Disney's Jimmy The Cricket in HiRES color FF72

Jive program which transforms its standard input to 'jive' on its standard output .Author: Unknown FF46

JM Job Manager is a utility which extends the AmigaDos multi- tasking environment by providing features such as: allocation of CPU cycles in any ratio to multiple CPU bound processes, default task priorities based on task name, task logging, system uptime reports, task CPU use and CPU % reports, task invocation times, and more. JM has very little impact on the system itself. Requires AmigaDOS 2.04 or later. Includes 68000/20 and 68030/40 versions. Version 1.1, an update to version 1.0 on disk 602. New features include better task name detection, an ARexx port, and a number of bug fixes. Binary only. Author: Steve Koren FF647, FF602

JMenu This program allows an AmigaDOS script to display a menu, wait for the user to make a selection either with the mouse or the keyboard, and return the selection back to the script through an environment variable. It can also immediately execute any valid AmigaDOS command based upon the menu selection. The maximum size of the menu is based on the screen resolution and font size, up to a maximum of 26 selections of a maximum of 80 characters each and an optional title area of up to 4 lines. Version 1.1, binary only. Author: James Collins FF460

Jobs An alternate user interface to WorkBench or CLI. Version 2.1, binary only. Author: John Sawaya FF70

JoeyDemo A demo version of a Sokoban type game where your task is to push Grullies (the only food of the Joey) to the stock, which is designated with little rhombic symbols on the floor. To complicate things there are iceblocks and teleporters. The demo version contains 5 levels while the registered version contains 60 levels. Shareware, binary only. Author: Richard Ziegler, Roland Schreiner FF714

join One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

JoinSounds A utility to join 8SVX sound files. Graphical interface allows samples to be previewed, and start/stop points to be set. This program will join both stereo and mono sound files in any combination. Uses buffered disk I/O, allowing samples larger than available memory to be joined. This is version 2, binary only. Author: Joe Tatman and Brian Ray FF713

Journal Journal is a program that records a sequence of mouse and keyboard events as they occur and stores them in a file. The file can be played back with another program, also supplied, which causes the same sequence of events to occur again. Very useful for creating demonstrations of programs or documenting repeatable bugs. V1.0, binary only. By Davide Cervone FF95

JoyLib Both a linktime version and a shared library of Joystick routines featuring a technique which proves to be extremely fast on 68010 or higher processors, and still faster than most of the other routines on standard processors. Includes source for library in Assembler and the demonstration program in C. Author: Oliver Wagner FF378

JoyMouse A simple program that allows you to use a joystick as a mouse. Binary only. Author: Jonathan Potter FF412

joystick Shows how to set up the gameport device as a joystick. Reports parameters received from joystick hooked to right port. Author: Rob Peck FF5, AM4

Jpad One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13, AM1

JPClock A short clock program that is just packed with features. This is version 1.2, an update to version on disk 204. Includes source. by: Jonathan Potter FF242, FF204

JPDirUtil A directory-utilities type program with many built-in commands, and 16 customizable gadgets. User configurable in many ways. Can be iconified to Workbench screen. This is version 1.12, an update to version 1.11 on disk 287. Binary only. Author: Jonathan Potter FF412, FF287

Jsh A simple command line interpreter drawing on features from the BSD C shell. Author: Jim Kent FF38

JTime Detailed instructions, including schematics in IFF format, for building and installing a battery backed up real-time clock. The clock goes on the joystick port (aka mouse port 2). Author: Michael Keryan FF65

Juggette Some cute juggler animations from Eric Schwartz. Includes Juggette Anim, Juggette_2, and Juggler Demo 2. Author: Eric Schwartz FF413

Juggler Stunning animation of a robot juggler with ray traced reflective spheres. Uses HAM mode display and sound effects to boot! Version 1.2. Binary. By Eric Graham FF97, FF47, AM16

JukeBox A program to play compact digitial audio discs by emulating a graphical user interface similar to common CD players. It provides a command line oriented, fully programmable ARexx user interface, as well. Version 1.2522, shareware, binary only. Author: Franz-Josef Reichert FF819

Jumble A quick 'brute force' program for solving for anagrams. Not very elegant, but gets the job done. Includes source. Author: Mike Groshart FF262

JustBeeps Simple example of using Audio and Timer devices. Plays a series of beeps whose pitches are based on a just intoned tuning system. Standalone image with source code. By: Phil Burk FF239

K1 An editor program for the Kawai K1-II synthesizer. Includes a bankloader for single-patches and multi-patches, a single- patch editor, a multi-patch editor, and support for the effect-session and K1 controllers. Version 5.1, an update to version 4.8 on disk 481. Binary only. Author: Andreas Jung FF521, FF481

K1_Editor An editor for the Kawai K1(m) synthesizer with two auxiliary programs for managing sound dumps. V 1.00, shareware, includes source. Author: Michael Balzer FF332

K4Editor Demo version of a sound editor for the Kawai K4 Sythesizer. Displays and allow editing of all parameters of midi data dumps. This is version 0.99, shareware, binary only. Author: Martin Stengle and Bernd Jessel FF657

Kamin Various interpreters from the book 'Programming Languages, An Interpreter-Based Approach', by Samuel N. Kamin. This distribution includes lisp, apl, scheme, sasl, clu, prolog, and smalltalk interpreters, automatically translated from Pascal to C using p2c. Includes C and Pascal source. Author: Samuel Kamin FF524

Kan A program that patches a replacement delete function into the DOS library. This program will simulate the Trashcan function provided by Workbench. Support programs provided to allow automatic purging of Kan directory from startup sequence. Compatible with 1.3, 2.0 and Amiga 3000. Version 1.0a, an update to version 1.0 on disk 660. Binary only. Author: James Butts FF694, FF660

KawaiEditor A Kawai K4 editor (a MIDI-based music synthesizer). Version 1.0, shareware, binary only. Author: Jan Saucke FF403

KCommodity A 2 part release of this popular commodity. Part 1 contains the binaries, docs, and support files. Part 2 contains an LhA archive of the sources. KCommodity is a multifunctional commodity for OS 2.0. Includes window-activator, time-display in several modes and formats, alarm function, KeyStroke-Clicker, time to environment, Window/Screen cycling, LeftyMouse, ESC-Key can close Windows, Revision Control System, telefone bill calculator, Screen/Mouse-Blanker, Mapping of german 'Umlauts', PopUp Shell, AppIcon support, user definable HotKeys, Exploding Windows, Screen Dimmer, Mouse accelerator and more. Fully controllable via ARexx-Port. Completely rewritten UserInterface and several new functions like TagScreens in enhanced version, Display dump (which may dump to a file, too), localized and much more. Again 'some' bugfixes were made. Version 2.5a, an update to version 2.00 on disk number 746. Requires OS 2.0 or later. Written in assembly for speed and efficiency. ShareWare, includes source. Author: Kai Iske FF885&886, FF746, FF673, FF646

Keep A nice little utility program with an intuition interface for BBS and network junkies who download messages in one large file and then read them off-line. Using only the mouse, you can drive through such files a message at a time, examine each at your leisure and tag those you wish to keep. V1.2, binary only, but source available with donation to author. By Tim Grantham FF149, AM25

kermit This is an absolutely ancient kermit, who's only saving grace is it is small and quite portable. On the AMIGA, there is no connect mode, only send and receive. You must log into the remote machine via one of its local terminals and point its kermit at the appropriate serial line connected to the AMIGA. Author: Unknown, but it is so hacked up it doesn't matter. FF4, AM3

Ketl Prints 3.5' disk labels (71.5 x 69.6 mm) on a NecP6 from a 15 line ASCII file. The first line will be the headline (max 25 chars), 14 textlines (max 44 chars) may follow. Requires OS version 2.0. Includes source and DME macros. Author: Bernd (Koessi) Koesling FF739

KeyBang A program to entertain a very young person while simultaneous- ly protecting your Amiga from the consequences of such enter- tainment. Keybang draws shapes and plays sounds in response to playing with the keyboard and mouse. The sounds are IFF 8SVX samples which you can supply or use the ones provided. This is version 1.0 shareware. Includes source. Author: Mike Stark FF631

keybd.c Direct keyboard reading. C program. AM4

KeyBird BASIC prog edits keymaps, adjust the Workbench keymaps or create your own. AM25

KeyBiz This little hack will make you think you have mice scurrying around in the back of your computer. Includes source. Author: Mark Schretlen FF274

Keyboard Functions to translate RAWKEY Intuition messages into usable keycodes. Translation into Modula-2 of C source (by Fabbian G. Dufoe, III) on disk 291. Version 1.0. Includes source. Author: Fabbian G. Dufoe III, Peter Graham Evans FF344, FF291, FF5

Keyboard Input In Assembly: Fourth in a series of Assembly 68000 programming tutorials. Author: Jeff Glatt. AC12

KeyCall Provides up to 10 hotkeys using F1-F10 and your choice of qualifier. The advantage of using hotkeys as opposed to menu or docking programs etc, is of course, that the keyboard is always available regardless of the screen you are currently working in. Compatible with both 1.3 and 2.x systems. Version 1.3.2, binary only. Author: Mick Seymour FF855

KeyClick A small utility to provide a key-click. Has a nice Workbench interface to modify settings. Requires Kickstart 2.0 or high- er. Binary only. Author: Martin W. Scott FF742

KeyCodes Shows keycodes for a key you press in ABasiC. AM1

KeyFiler A BBS message file sorter that allows sorting by keyword. Includes a textreader, Soundex matching, and limited wildcard capabilities. V1.0, Binary only. By John Motsinger FF157

KeyLock Freezes the keyboard and mouse until the correct password is typed. Protection against inquisitive kids, cats, and other lifeforms. Binary only. Author: Andry Rachmat FF81

KeyMac A keyboard macro processor that allows you to record keystrokes and then play them back. V0.1,Source in Modula-II. Author: Fridtjof Siebert FF253

KeyMacro A keyboard macro program, configurable via a text file, that also supports hotkey program execution. You can map up to eight functions to each key, including keys such as cursor keys, the return key, etc. Version 1.12 with a number bug fixes and enhancements, an update to version 1.8 on disk 436. Includes source in 'C' and assembly language. Author: Olaf 'Olsen' Barthel FF535, FF436, FF398, FF354, FF325

KeyMapEd Allows you to change the KeyMaps used with SetMap. This is a full featured editor providing support for normal, string and dead keys. The keyboard represented is from an A3000/A2000/A500 but it is fully compatible with A1000 keyboards. This is version 1.1i, an update to version 1.02 on disk number 193, binary only. Author: Tim Friest FF388, FF193

KeyMenu Allows fast, easy access to pull-down menus from the keyboard without having to remember all the special amiga key sequences Version 1.01, binary only. Author: Rainer Salamon FF362

KeyMenu An alternative to Intuition's method of menu selection via the keyboard. Uses one key to activate the menu for the currently active window, the cursor keys to move through the menu as you choose, and the return key to select the desired menu item or escape key to abort selection. Works with AmigaDOS 2.0 mouse accelerator and has option to blank Intuition's pointer. Version 1.05, an update to version 1.03 on disk 470. Includes assembly source. Author: Ken Lowther FF528, FF470

KFAST Key Frame Animator with Skeletal Technique. A collection of functions to implement a two-dimensional object based animator designed to use the skeletal technique of modeling objects and simple tweening to free the animator from the labors of pro- ducing smooth transitions between key drawings. A crude demo program has been included utilizing the routines. Version 0.5, includes source. Author: Craig M. Lever FF683

Kick Another screen hack, specifically for A500/A2000 owners. I don't want to spoil any surprises but reportedly causes some machines to crash. Binary only. Author: Tony Solomon, Paul Fortin FF389

KickBench Instructions and programs for creating and using a combined KickStart and WorkBench disk, so only one disk is needed to reboot. Allows the system to reboot unattended after a power failure. Requires disked from developer's disk Author: Alonzo Gariepy FF36

KickDate Saves and retrieves the current system date stamp to the first sector of the kickstart disk. This is handy for A1000 users with autobooting hard drives, since it can save the system time across system resets and power cycles. Version 1.0, includes source. Author: Joe Porkka FF408

kickdrum Sound demonstration icon-driven part of a set on AMICUS 10 AM10

KickFont For A-1000 owners, will permanently replace the topaz font on the kickstart disk with a font called 'look'. Includes a sample in the form of an IFF picture. V3.0, binary only. Also included is Benjamin Fuller's freely redistributable 'SumKick' program. By Greg Browne FF179

KickMem A program for A1000 hardware hackers that have done the Amazing Computing 512K upgrade. KickMem will patch your 1.2 or 1.3 kickstart disk to perform addmem during kickstart. This allows warm boot surviveability of ram disk devices and eliminates addmem commands from your startup sequence. V2.0, includes source. Author: Dave Williams FF224

Kill Removes a task and as much of its resources as possible. Can close windows, unload process code, etc. Includes source. Author: George Musser FF79

Kill.fastdir Speed up directory access, it creates a small file in each directory on a disk which contains the information about the files, will also remove all the 'fastdir' files from each directory. By CLImate's authors. AM25

KillAGA Allows you to run old, badly written, programs (mainly demos and some games) from your A1200/4000 hard disk without having to continually reboot and switch chip settings. On return from the program, the system returns to full AGA state. Version 2.0, binary only. Author:

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Jolyon Ralph FF875

Killer Killer is an incredible demo written by Robert Wilt. It won fourth place in the Badge Killer Demo Contest. Requires at least one meg of memory to run. Sound is also an important part of the demo so be sure to turn it up. Binary only. By Robert Wilt FF115

KillReq A small program which disables Intuition's AutoRequest function. In particular, this prevents AmigaDOS from putting up system requesters, which is useful if you are operating your Amiga remotely and can't use the mouse to click CANCEL. Unlike similar utilities which affect only a single CLI, KillReq disables ALL requesters. V1.0 and includes C source. By Eddy Carroll FF290

KingFisher A specialized database tool providing maintenance and search capabilities for the descriptions of disks in the format used by this library. KingFisher's database can span multiple (floppy) disk volumes, can be edited by text editors that support long text lines, can add disks directly from unedited email or usenet announcements, can remove disks, rebuild a damaged index, find next or previous software versions, print or export (parts of) the database, and more. Includes a database of disks 1-850. This is version 1.30, an update to version 1.15 on disk 808. Binary only. Author: Udo Schuermann FF861, FF808, FF783

KingTut King Tut in an IFF picture. AM6

Klide This line art demo is Jerry's entry to the 1989 BADGE Killer Demo Contest, where it won 4th place. Klide uses line mode blitter code which is capable of rendering short vectors at a rate up to 15,000 lines/second. Binary only. By Jerry Kallaus FF268

Klock A menu-bar clock and date display. Executable AM9

Klondike A single player card game. Version 1.3, an update to version 1.1c on disk 491. Shareware, binary only. Author: Peter Wiseman FF740, FF491

KME KME is another keymap editor, that you can use to edit the Amiga keymaps used by the Setmap command. Version 1.2, includes source in Oberon. Author: Christian Stiens FF666

Koch Flakes: Using the preprocessor to organize your programming. Author: Paul Castonguay AC11

KOE2 Three-turn demo of the strategy role-playing game Kingdoms of England II, where up to six human or computer players compete for nearly 200 territories of the old British Isles. Features excellent, scrolling, 64-color extra halfbrite graphics. Requires 1Mb minimum memory. Binary only. Author: Brian Vodnik and Realism Entertainment FF756

Kpri Another NEC-p6 intuition frontend to choose several print styles and add a title line on the top of the page. You can split your text files into their odd and even pages and print on both sides of the paper. Requires AmigaDOS 2.0. Version 2.0 includes source. Author: Koessi FF563

Kryptor A small, simple and comfortable file encoder/decoder. Version 1.0, with source. By Michael Balzer FF332

Kurve Kurve is yet another function plotting tool which provides a very fast and easy way of plotting and analysing mathematical functions. The integrated function compiler makes this plotter to be the fastest one you've ever seen. Version 2.001, compatible with Kickstart 2.0 and 3.0beta. Includes source in C. Author: Henning Rink FF778

KwikBackUp A harddisk backup program that writes data track by track onto multiple floppy disks. Uses the archive bit, saves and restores comments and protection flags, and skips over bad spots during restore. Version 1.0, includes source in Modula-II. Author: Fridtjof Siebert FF234

KwikCopy A quick but nasty disk copy program: It ignores errors. Executable program. AM8

L is a replacement for the BCPL 'list' program, but with some graphics enhancements. FF105

Label Simple program to print labels with arbitrary text. Version 1.3, binary only, but source available from author. Author: Mike Hansen FF96

Labeler A label generation program for Epson compatible printers. Has both English and German versions. This is version 3.0, binary only, shareware, source available from author. Author: Siegfried Rings FF435

LabelMaker Allows you to create fancy, full sized, colored labels for 3.5' floppy disks. Version 1.5, includes source. Author: Stefan G. Boldorf FF548

LabelPrint3.5 A program that allows you to easily print labels for your disks. This is version 3.5, an update to version 3.0 from FF277. Shareware, binary only (source available from author). Author: Andreas Krebs FF363, FF277, FF246, FF238, FF210

Labels Alphabetic and numeric ordered cross reference lists of defined system constants. Recommended for debugging purposes only, use the symbolic values in programs! Author: Olaf Seibert FF111

Labyrinth! A shareware role-playing text adventure game similar in operation to the Infocom text adventures. Includes source. Author: Russell Wallace FF162, AC5

LaceWB The LaceWB program changes between interlace and non-interlace Workbench. Previously, you were forced to reboot after changing Preferences to an interlaced screen. This program flips between the normal and extended screen heights. AM25

LanderGame Lander 3DX is an X-Specs 3D Lunar Lander game. Maneuver your landing craft over a three dimensional fractal lunar landscape searching for a safe place to land. Watch your fuel, altitude, and slope of the surface beneath you. Fly your craft over, around, and behind the lunar peaks. Digitized sound. Two alternate lunar scenery files included. Requires X-Specs 3D glasses. Spectacular. Binary only. Author: Richard Horne FF544

Landmine A game of logic. A number of landmines are buried in the playing field and you need to work out where they are avoid them and clear the rest of the field to get maximum points and advance to the next level. Written in compiled AMOS requires 1Mb of memory or more. This is version 1.0 share- ware binary only. Full source available from author. Author: Perry Rosenboom FF554

LandScape A simple CAD program to aid in designing garden layouts. First the plan is laid out, placing lawns, paths, plants, etc., and the program then draws a '3D' picture of what the garden might look like in real life, from any viewpoint. Version 1.0, binary only. Author: Steve Goddard FF521

Landscape A fractal scenery generator written in AMOS and compiled so that it can be run from workbench. Features many user adjustable parameters such as height sea tree and snow levels beaches lighting angles and palette. 2D (contour map) and 3D rendering. Some example sets of parameters provided. Ability to render in 5 different resolutions so that fast (10 seconds) previewing of a scene is possible. Fully detailed scenes take about 30 minutes. Version 1.1 shareware (saves disabled) binary only. Requires 1 Meg. Full source code available from author. Author: Andrew Kreibich. FF554

Larn This disk contains a port of the popular UNIX game 'Larn', done by Edmund Burnette and the crew at the Software Distillery. This is version 12.0B. I have copied all the files to a freshly formatted disk, to create the master distribution disk, using a command of the form 'copy df0: to df1: all'. This insures that disk fragmentation is kept to a minimum, but also has the unfortunate side-effect that all the file dates are changed. Note that this disk must be named 'Larn'. I have elected to keep that name, rather than using the usual 'AmigaLibDiskXX' convention for disks in my library, to avoid requiring users to rename the disk before using it. Also note that, as distributed, this disk is only about 40% full. Normally I try to fill my library disks to about 90-95% full, but these 'packaged' disks are special.-Fred FF63

LaserBoing This ray-traced animation with sound is Mike's entry to the 1989 BADGE Killer Demo Contest. This 'Amiga Boing' ball is just loaded with energy! Binary only. By: Mike van der Sommen FF271

LastRefuge A fast action game, written entirely in assembler. Takes over the entire machine and loads off a special bootable disk. Uses Ihwarp (included) to regenerate the bootable game disk. Binary only. Author: Carsten Tag FF728

Lat3.03bugs Text file lists bugs of Lattice C version 3.03. AM8

latffp Shows how to access the Motorola Fast Floating Point library from Lattice C. Also demonstrates the tremendous speedup obtained Author: Larry Hildenbrand FF1

LatticeMaln Text file tips on fixing _main.c in Lattice. AM8

LatticeXref A cross reference listing of all symbols defined in the Lattice 3.10 header files. Sorted alphabetically by symbol string, includes file name and line number of all references and/or definitions. Author: Fred Fish FF41

Launch Sample program showing how you can load and execute a program in the workbench environment, then return to the CLI. Includes source. By Peter da Silva FF179

Lav A 'title bar type' program that displays the number of tasks in the Amiga's run queue, averaged over the last minute, 5 minutes, and 15 minutes. Presumably inspired by, and named after, the BSD 'load average' program. By William Rucklidge FF54

layers Shows use of the layers library, used by Intuition to create windows (layers handles all overlapping drawing areas and keeps things straight, sending to the back, bringing to the front, making larger/smaller, etc.) Author: Rob Peck FF5

layers.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

layertes.c Layers examples. C program. AM4

LAZi A graphic interface for the archive utilities Lharc Arc and Zoo. LAZi will add delete extract and update single or multiple files list and test archives allow you to read extracted readmes/docs or any other ascii file save a configuration file that holds the locations of your work directories archive utilities and its position when iconified. At least 1Mb of RAM is recommended. Version 1.1 an update to version 1.0 on disk 592. Binary only. Author: Mark W. Davis FF637, FF592

LazyBench LazyBench is a utility for lazy people with a hard disk crammed full of goodies which are difficult to reach because they are buried away in drawers inside drawers inside drawers inside drawers... Supports tools and projects and both OS 1.3 and OS 2.xx versions are supplied with this distribution. LazyBench for the OS 1.3 opens a little window on the Workbench screen and delivers a fully configurable menu which brings up to 30 applications at your fingertips. LazyBench for the OS 2.xx adds an item under the Workbench 'Tools' menu, installs itself as a Commodity and waits in the background. Use its hot key combination to pop up its window and then select an application to be launched. Versions 1.01 (OS 1.3) and 1.10 (OS 2.xx), an update to the versions on disk number 860. Binary only. Author: Werther 'Mircko' Pirani FF894, FF860, FF839

LBM2Image Takes an IFF picture and generates a C source module which can be compiled and linked with your program to display the picture with the intuition DrawImage function. Binary only. by: Denis Green FF190

LCDCalc Probably the prettiest looking four founction (with memory) calculator ever written for the Amiga. Written in J-Forth. Version 1.023, binary only. Author: Mike Haas FF423

ld I presume this stands for 'list directory'. Lists contents of specified directory or disk, using inverse video and colors to group objects by type. Author: Dave Haynie FF10

ld4 Another directory listing program using some graphics style output. Executable only, no source available. (Downloaded from a Denver BBS) Author: unknown FF12

LDP An ARexx compatible Laser Disc Player for RS-232 serial machines from Hitachi Pioneer and Sony. You can have a remote control on the screen and/or the program running to accept ARexx commands. The Hitachi drivers are untested. Works best with AmigaDOS 2.0. Version 1.31 includes source. Author: Ron M. Battle FF635

LE-NAG LeverEdge NAG is a program to remind you of events before you miss them. Events can be scheduled to occur once or repeat daily, weekly, monthly or yearly. You can be alerted of the event in a number of ways from a screen flash to a message requester. Version 93.03.03, an update to version 92.10.21 on disk 761. Shareware, binary only. Author: Craig M. Lever FF838, FF761, FF683

Least A small, handsome, text displayer that only supports those functions most frequently used. String searching is performed with the very fast Boyer-Moore algorithm. Also checks itself for link viruses. Runs from both WorkBench and CLI. Separate version LeastP also deals with powerpacked files. Has been tested under both Kickstart 1.3 and 2.0. Version 0.04, binary only. Author: Thorsten Koschinski FF800

LedClock An extremely simple clock program, for interlaced screens only. Includes source. Author: Ali Ozer FF128

LeftyMouse Swaps the functions of the left and right mouse buttons so that Lefties can use the mouse with their left hands. Includes source. Author: Rob Eisenhuth FF229

LeftyMouse Yet another LeftyMouse, this one implemented as a commodity. Swaps the left and right mousebutton for lefties. Requires at least AmigaOS 2.04. Version 1.06, an update to version 1.04 on disk 497. Includes german version and source in C. Author: Stefan Sticht FF867, FF497

Legends Fantasy Characters in HiRES color FF72

Leggi A powerful ISO/ANSI text reader which strictly follows Commo- dore's application guidelines. Features include unlimited number of windows on any public screen, scrolling with both mouse and keys, full AUISG menus and ARexx commands, clip- board support, AppWindows, fast and residentable activator, full configurability of the keyboard, preferences file and editor to change preferences, background mode, and more. Version 2.0, binary only. Author: Sebastiano Vigna FF669

Leggo My LOGO: A Logo program that generates a Christmas tree with decorations. Author: Mike Morrison. AC7

Lemacs Microemacs version 3.6 as enhanced and supported by Daniel Lawrence. This version works and has been tested on UNIX V7, BSD 4.2, Amiga, MS-DOS, and VMS. Enhancements include overwrite mode, support for Amiga function keys, reverse video status line, numeric arguments using <ESC><number>, replace, buffer specific editing modes, word wrap mode, goto-line, buffer rename, insert-file, execute named command, describe bindings, startup files, and more. Author: Dave Conroy, enhancements by Daniel Lawrence FF22

Lemmings Demo version of an enchanting new game from Psygnosis. The lemmings are cute little guys you have to guide across the screen from one level to the next, over and under and around various obstacles, by using your mouse and changing each lemming's characteristics to get them to perform various useful tasks such as building bridges or digging through obstacles. Binary only. Author: Dave Jones, Gary Timmons, Scott Johnston, and Brian Johnston FF453

Lens This program magnifies a small area surrounding the pointer and displays it in a separate window. Version 1.0, binary only Author: Ned Konz FF70

Less A port of a UNIX text file reader. It can use pipes, accepts multiple filenames, and has many convenient positioning com- mands for forward and backward movement, marking positions, etc. This is version 177.4 an update to version 1.4Z on disk 511. Includes source. Author: Mark Nudelman, port by Frank Busalacchi FF718

Less A text file reader, descended from Unix 'Less.' Less has features found on no other Amiga file reader; it can use pipes, accepts multiple filenames, and has many convenient positioning commands for forward and backward movement, marking positions, etc. This version adds an option to suppress opening a new window, using the existing CLI window instead (especially useful with an AUX: shell), and includes some minor bug fixes. Version 1.6Z, an update to version 1.4Z on disk number 511. Includes source in SAS C 6.3. Author: Ray Zarling et. al. FF902, FF511, FF149, FF92, FF74, FF34

Lex A program (not to be confused with the UNIX lex program which is a lexical analyzer generator) which computes various readability metrics for text files. Computes Gunning-Fog, Flesh, and Kincaid indices. Author: Jeff Sullivan FF36

Lexical Analyzes a text file and gives the Gunning-Fog, Flesch, and Kincaid indices which measure readability. AM26

LGZ A Map generator/editor for the LGZ game. Not extremely useful if you don't happen to play that game, but good source example of intuition interfacing. Vesion 0.1. Authors: Lars and Henrik Clausen FF161

LhA A very fast archiver that is compatible with MS-DOS LhArc V1.13 and LHA V2.13, as well as the Amiga LhArc. LhA is very memory efficient, has been written with stability and reliability in mind, has carefully optimized compression and decompression routines, is multitasking reentrant and pure, handles multiple volume archives (registered version only), and more. Version 1.32, an update to version 1.22 on disk 637. Shareware, binary only. Author: Stefan Boberg FF715, FF637, FF593, FF577

LHArc An archive program like Arc and Zoo, with a heavy

emphasis maximum compression for minimum archive size, using LZHUF compression. This is version 1.30, an update to version 1.21 on disk 383. Binary only. Author: Paolo Zibetti FF404, FF383, FF312, FF289

LhArcA An intuitionized and faster version of lharc for the Amiga. Requires ARP library. Version 0.99a, binary only. By Haruyasu Yoshizaki, Amiga version by Stefan Boberg FF331

LHCon A program that will convert Arc and Zoo formatted archives to LHArc format. This will save precious disk space. LHCon will do single files or entire directories. It also has the capability to preserve the comment field of the file for BBS programs that require it and for the individuals who label their programs in that manner. Version 1.01. Binary only. Author: Steve Robbins and Bill Huff FF507

LhLib A shared reentrant Amiga runtime library featuring highly optimized assembly language versions of the LhArc data compression / decompression routines. Compresses faster and more efficiently than any other currently available implementation of the Lzhuf algorithm. Two example appli- cations for data compression/ decompression, an interface to the Amiga Oberon Compiler, and documentation how to use the library in your own programs are included. This is version 1.8, binary only. Authors: Holger P. Krekel and Olaf 'Olsen' Barthel FF436

Lhwarp A program which will read tracks directly from your floppy disk, compress them using adaptive huffman encoding, and output them to a file. The resulting file can be used by lhwarp to reconstruct an image of the original disk. This is version 1.20. New features include much faster compression/decompression, a 32-bit CRC, and two additional compression methods. Binary only. Author: Jonathan Forbes FF305, FF245

LibDir This program lists hunks in an object file. Executable program and documentation. AM8

Library Demo version of a shareware program that stores textual information without regard to structure or content, and allows complicated searching for specific patterns. Written in assembler for speed, binary only. Author: Bill Brownson FF134

Library HiRES BW picture of an traditional structure FF72

LibraryKiller A small utility that allows you to remove libraries that aren't used any more. Version 1.0, includes source in assembly. Author: Roger Fischlin FF383

LIBREF Utility for generating run-time library link library assembly files, lvo.asm, and the run-time library's vector list. Currently very Aztec in terms of what it generates. FF168 & 169

LIBS V1.00 List libraries/devices in ram or attempt to remove libraries. FF168 & 169

LibTool A utility that can quickly convert C or assembly code into an Amiga shared library. Also makes all support files including C and assembly include files, bmap files, Manx and Lattice programs, C glue stubs. Can also make a device. Binary only. Author: Jeff Glatt FF463, FF393

License License information on Workbench distribution. AM4

Life Another version of Tomas's Life game. Features include wrapping the screen as in a torus, independent setting of the horizontal and vertical resolutions, computing only a specific number of generations, redisplay only every N generations, a macro language to set up initial generations, and more. Works with horizontal resolutions up to 262,112 pixels and vertical resolutions up to 65,535 pixels. This is version 6.1, an update to version 5.0 on disk 316. Includes source. Author: Tomas Rokicki FF837, FF316, FF306, FF131, FF31, AM9

Life-3D A 3D version of the classic cellular-automaton game. Shareware, author suggests $20 donation. Version 1.2, binary only. Author: Bob Benedict FF70, AM18

LifeCycles Some sort of biorhythm type program. No docs included. V2.0, binary only. By: Michal Todorovic FF325

Light A version of the Tron light-cycle video game. AM15

Lighthouse A lighthouse in an IFF picture. AM6

Lila A shareware utility that allows you to print listings or other text files on Postscript printers, with header, page numbers, and multicolumn pages. Can print in portrait or landscape orientation. This is version 9004b, an update to version 8912a on disk 368, binary only. Author: Bertrand Gros FF414, FF368

Line A shell written to enhance the bare-bones CLI with features that many people find useful in the UNIX csh, including history, aliases, a directory stack, etc. Version 1.15, includes source. Author: John D. Aycock FF457

LineDrawer Makes a line drawing based on drawing commands stored in a text file with a demo that draws an outline map of the USA and state borders. V1.0, with source By John Olsen FF96

Lines A color line pattern generator, adapted from Mackie. Version 1.1, includes source. Author: Joel Swank FF304

Lines A line drawing demo program, reminiscent of the 'sparks' program on disk #9. Author: Paul Jatkowski FF41

LinesDemo A demo program which illustrates the use of proportional gadgets to scroll around in a superbitmap window. Posted to usenet by Barry Whitebook @ Commodore-Amiga MemExpansion Schematics and directions for building your own home brew 1 Mb memory expansion. By: Michael Fellinger FF27

LinkSound Two examples of functions that you can link with your own code to produce a short musical 'beep' or a sound that is similar to striking a drum. Includes source. Author: Dieter Bruns FF323

Linstrom Some miscellaneous small programs from the Linstrom family. Includes some basic games, some programs based on algorithms from the Computer Recreations column in Scientific American (demon, turmites, mountain), and a fish tank simulator. Includes source. Author: Lloyd Linstrom and family FF251

LISA A program for drawing Lissajous pictures. With full intuition support and WB2.0 design (even under 1.3). Different versions for 1.3 and 2.0. This is version 1.10 an update to v1.01 from disk 584 (WizardWorks 2). Freeware. Binary only. Author: Stefan Zeiger FF636

List INSTR Program to list the instruments DMCS will not load as well as list the origins for any instrument. AM23

Lister Program to display information about files in various types of archives, such as arc, cpio, lharc, tar, zip, and zoo. Version 1.01, an update to version 1.0 on disk 518. Includes source. Author: Kerry Cianos and Geoffrey Faivre-Malloy FF527, FF518

ListPlot A 2D plotting program built around the PLPLOT plotting library. Its principle advantage is that it supports a variety of graphics devices. By default, output is sent to a window on the Amiga's screen. Through command line options, the graph can be sent to any preferences printer with graphics capability, stored as an IFF file, stored in HPGL format, stored in Aegis Draw format, or stored as an Encapsulated Postscript File. A variety of line styles and colors are available. Includes source. Author: Frederick R. Bartram and Anthony M. Richardson FF391

ListScanner A nice little utility to display all the Exec lists. Somewhat like the Xplor utility from FF 73. Includes source in assembler. Author: Heiko Rath FF139

ListWindow Gives simple initialization, handling, and freeing of Macintosh-like list-windows. These are user-sizeable windows with a scrollable list of text strings, optionally sortable. The list can be scrolled with a scroll-bar, up and down arrows, arrow keys, or a SHIFT+key combination which searches for the first occurance of the specified key. Source and a sample program included. Author: Paul Thomas Miller FF368

Lit Lit filters a file to stdout, showing all characters in an unambiguous format. Printable characters are printed as is, non-printable characters are printed in any of three representation formats. Version 2.0, includes source. By: Donald Irving FF73

Little Smalltalk It is a port of Timothy Budd's Little Smalltalk system, done by Bill Kinnersley at Washington State University. I filtered all the text files in the sources, docs, and examples directories through a program to remove extraneous CR (^M) characters from the end of each line. This also makes the files conform to standard Amiga and UNIX line delimiter conventions. I hope this didn't break anything else in the process. I have added the file sources/ Makefile to help people who want to recompile the sources. It uses my ccfrontend. I was able to compile and link an executable that was almost the same size as the one Bill provided (100 bytes smaller) using Manx 3.20B in 16-bit int mode, but it aborted immediately with an error message, so beware.-Fred. FF37

LittleBoulder A 'Pick'n Run' Action-game, which contains eight different levels to be completed within a certain time limit. This is version 1.0, binary only. Author: Carsten Magerkurth FF709

LJP A program to print text files on an HP LaserJet printer. Supports landscape or portrait modes, use of any built-in font, automatic downloading of soft fonts, extremely fast printing, one or two logical pages on a single paper, multiple styles of page headers, adjustable page length and width, user specified pitch and point of a font, selectable margins and tab spacing, multiple copies, optional line numbers, and more. Version 1.01, binary only. Author: Khalid Aldoseri FF418

Llamatron A fast original rendering of the eighties 'Robotron' by Williams. It features over 100 levels sampled sound single player mode 2-player team and individual modes droid-sidekick modes 2-joystick console mode dozens of different weird enemies and an abstract sense of humor. Includes two versions a 512K version and a 1Mb version with better samples. This is version 1.0 an update to the copy on disk 541 which was also version 1.0 but was missing the 512K version file. Shareware binary only. Author: Jeff Minter FF560, FF541

LList A 'list' type program that displays type of file. Many types of files included, and ability to extract information from other file types for recognition. Standard Amiga Wildcards supported. Binary only. Author: Nic Wilson FF501

LLSort Replacement for the AmigaDOS SORT command. Pure bit set and may be made resident. Features COLSTART and FIELDS parameters and sorts in either ascending/descending order. Also sorts with or without case sensitivity. Binary only. Author: Les Leist FF379

Lmv This shareware program, submitted by the author, is called 'Long Movie'. It loads up to 100 IFF graphics files and displays them in forward or reverse order, at up to 19 frames per second, to create computer animations for VCR recording. Binary only, source available from author. Author: Jim Webster FF73

LoadImage An IFF ILBM reader that accepts overscanned pictures, allows you to scroll around in the bitmap if the picture is larger than the current display, works on both PAL and NTSC machines, supports color cycling using interrupt code, and supports printing of image portions. Version 1.11, update to version 1.9 on FF281, includes source. Author: Olaf Barthel FF355, FF281

LoadIt prog to load a file into memory until a reboot. (Only the most esoteric hackers will find LoadIt useful.) AM24

LoadLib Another LoadLib program, but this version take unlimited number of arguments in both CLI/WB and remove the quote (') so it can work in BrowserII at any time. Pure so you can put it in your resident list. Version 1.0, includes source in C. Author: Sylvain Rougier FF649

LoadLibrary Another LoadLib program, but this version runs in it's own task, and uses the reqtools.library for multiselection and other user friendly file handling. All installed LoadLib libraries can also be removed from the system. Supports the locale.library and Amiga-Guide. Version 2.52 an update to version 2.52 on disk 743. Freeware, binary only. Author: Nils 'Jon' Görs FF818, FF743

LoadSpy A small System-Patch for the Dos.Library. It writes itself to the LoadSeg-Routine, displaying information about program names and load addresses from all files loaded with the LoadSeg routine. Requires OS2.0, version 1.0, binary only. Author: Michael Bialas FF769

LoanCalc Keyboard and mouse driven mortgage utility. Although similar programs exist, this one is unique in that it is designed to track 'Open' mortgages that allow any size payment to be made at any time, as well as providing a printed amortization table for fixed mortgages with monthly, semi-monthly, bi-weekly and weekly payment schedules. This is version 1.4, an update to version 1.2 on disk 366. Binary only. Author: Robert Bromley FF492, FF366

LockDevice A package to protect filing devices from being accidentally formatted. Can be used with any filing device and file system. Version 1.0, includes source. Author: Olaf Barthel FF371

LockIt A simple commodity to protect files or drawers from any access. Uses a WorkBench AppIcon and allows selection of files via ASLRequester. Requires OS2.0. Version 2.1, binary only. Author: Andreas Linnemann FF798

LockMon Find file locks. Useful for discovering if programs properly clean up after themselves. Author: Dewi Williams FF19

Logic A small game that is somewhat reminiscent of 'life'. Version 2.0, includes source in assembly. Author: Thomas Jansen FF461

LogicShop Build and test logic circuits. Everything is accessed from an intuition interface. Version 1.1, binary only, freeware. Author: Kenny Nagy FF890

LogMan The Log Manager allows you to manipulate your log files to a greater degree than other log managers. LogMan operates on a personalized script file. You can insert a call to LogMan in your startup-sequence or in your 'mail' script. LogMan will call the script and check certain parameters. Requires kickstart 1.3 or 2.0 to operate. Version 1.003, freeware, binary only. Author: Bob Rye FF749

Logo A logo interpreter, with user interface like the Apple II logo. Shareware, author suggests $5 donation. Author: Gerald Owens FF70, AM18

LollypopLady Famous Lady with lollypop picture which caused so many people to purchase the Amiga for its graphics. An IFF picture. AM7

LongPlay An 8SVX IFF sound file player. Reads samples directly from disk while playing, allowing unlimited length samples. Runs as a background task and multi-tasks well. Can also be used as the default tool of a project icon. Binary only. Author: Joe Tatman FF713

Look A powerful program for creating and showing disk magazines. Supports IFF pictures, IFF brushes, ANSI, fonts, PowerPacker, and many more features. Programmed in assembly language to be small and fast. German language only. Version 1.9, an update to version 1.6 on disk 816. Shareware, binary only. Author: André Voget FF892, FF816, FF808, FF743

LookFor A general 'find that file' utility which is handy for hard drives, multiple drives, and multilayered paths. Includes source. Author: Mark Schretlen FF274

Loom Simulation of an eight harness loom. Supports 15 colors for warp and weft threads. Scalable display. Patterns created can be printed in draft format or saved as IFF files. Version 1.00, binary only. Author: Martin C. Kees FF516

LoranNotebook A database for storing searching and printing loran numbers. Store Lats/Lons TDs Waypoints Depths State County Comments and Quick Comments. Search by any catagory and numbers can be searched with a margin of error. Printouts as text only or as a graphic. Select sites on the plot screen by lassoing them. Version 2.0 includes a lon/lat scale on the plot screen better zooming and accurate land areas via the World Database II (included) and/or user drawn. You can now show and edit land on your plots by drawing it in or by making a list of lat/lon points. A small sample database is included. Version 2.0 binary only. Author: Allen Maroney FF626

LordOfHosts A strategy game for two players based on a board game called 'Shogun'. Features include flexible mouse/joystick controls, undo and redo of up to 500 preceding steps, fully intuition- ized user interface. Version 1.0, complete source code, precompiled include files and debugger files included. Author: Tim Pietzcker FF488

Lothian Legend of Lothian is an adventure game in the vein of the Ultima game series. It was originally featured in the Sep 91 issue of the Jumpdisk Amiga disk magazine. You play the role of a humble shepherd who is summoned to a perilous task when your country's king is bewitched. You must set out in a dangerous land to find the clues that will enable you to revive your king and save your land. Includes colorful graphics hordes of monsters to combat helpful citizens to converse with and puzzles to solve. Version 1.02 binary only. Author: David Meny FF628

Lotto Lotto is designed to replace your user group's old shoebox full of membership numbers and names and add some pizzaz to the process of drawing for doorprizes at club meetings. Includes source. Author: Mike Groshart FF262

Lotto Small lotto number selector with C source. Author: Timm Martin FF430

LoveMice A short form of the Mice In Love algorithm published in Sci- entific American (Spektrum der Wissenschaft). Version 1.0, includes source. Author: Guido Wegener FF660

LowMem Another fine freely redistributable product from ASDG. This one is a low memory server, which is a

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compact shared library which allows arbitrary processes to register their desire to be notified of impending memory shortages. This allows good citizen programs to free up memory that they may not need, so other programs can use it. Binary only. By Perry Kivolowitz FF85

Ioz One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

LP A very powerful tool to prepare text files for printer output. Offers a great variety of options including indention, page headers, page numbering, multi-columns and WITH files. Includes TI and FILES, two utilities to check your printer output and create WITH files for LP. Version 1.18, includes source in C. Author: Tobias Ferber FF855

LPatch Patch for programs, such as 'Atom', with bad 1.0 Lstartup code, which abort during startup under 1.2 with 00038007 alert (can't open DOS library). Includes source. Author: Carolyn Scheppner FF61

LPE LaTeX Picture Editor is a graphical editor for producing 'pictures' for the LaTeX system, which may be imported by LaTeX. You can draw boxes, dashed boxes, lines, vectors, circles, boxes with centered text, and plain text. This is version 1.1, an update to version 1.0 on disk 243, and includes some new drawing tools, enhanced user interface features, optimized code, and some bug fixes. Binary only. Author: Joerg Geissler FF277, FF243

Ls An update based wholly but loosely to the version 3.1 of Ls on disk number 236 by Justin McCormick. Includes many enhancements and bug fixes. Ls is a popular, UNIX style directory lister. This version features intelligent columnar listing, versatile sort options, UNIX-style pattern matching, recursive subdirectory listing, customized output formatting and much more! Version 4.7ljr, requires at least OS 2.04, includes source. Author: Loren J. Rittle. FF773, FF236, FF178

ls Minimal Implementation of UNIX ls. Demonstrates use of UNIX style file name pattern matching code. Author: Rick Schaeffer FF10

LSlabel A simple label printing utility. Very powerful as the user can/must do a lot of settings by himself. Features include variable linefeeds (in 1/216 inch steps) between 21 independent lines and freely configurable printer codes. Version 1.29, an update to version 1.12 on disk 586, binary only. Author: Stefan Berendes FF759, FF586, FF478

Luffar The game of Noughts and Crosses, the object is to get exactly five 'Noughts' (six doesn't count!) in a row up/down/across or diagonally, before your opponent gets five 'Crosses' in a similiar fashion. 0, 1 or 2 human players, rewind and ahead buttons. Version 1.0, freeware, binary only. (Source available from author). Author: Magnus Enarsson FF863

Luna A small program that will display the time and date of the phases of the moon for a month in any year from 1900 to 3000 AD. If a lunar eclipse occurs in that month, its time and date will also be displayed. It has an easy to use GUI and works under OS 1.3 and 2.xx. Version 1.0, freeware, binary only. Author: Mike Fuller FF801

LVD A first defense utility against file and linkviruses. It patches the LoadSeg vector(s) and checks every executable that comes along. Recognizes 33 file or so linkviruses. Version 1.73, an update to version 1.72 on disk 641. Binary only. Author: Peter Stuer FF703, FF641, FF554

LVR Link Virus Remover. A program that recursively searches directories for link viruses in executable files. This is version 1.20, binary only. By: Pieter van Leuven FF331

Lyapunovia A mindboggingly colorful program that produces fractal pictures from a simple mathematical formula called 'Lyapunov Space'. Lyapunovia pictures vary from colorful candy to mean metal (or something), offering you everything you ever wanted in visual representation of mathematical abstractions. Lyapunovia has been tested on all Amigas from WB1.2 to 3.1. The program supports AGA graphics, floating point units, 68020+ CPUs, and 24-bit output (to 65000 x 65000 pixels!). A zoom factor of 10,000,000,000,000,000 is possible. Version 1.5, an update to V1.0 on disk 784. This is the full program, the difference between the unregistered and the registered version has been eliminated. Binary only, shareware. Author: Jesper Juul FF877, FF784

Lyr-O-Mat A simple, fun program designed to generate sentences out of a word list and a sentence pattern database. German and English database included. Version 1.1, an update to version 1.0 on disk number 863. Includes source. Author: Karlheinz Klingbeil FF881, FF863

Lz An lharc compatible archiver that is reported to be much faster than other available archivers and produce smaller archives. Version 1.01, shareware, binary only. Author: Jonathan Forbes FF465

M2Amiga Demo version of the final product M2Amiga. A fast single pass Modula-2 compiler with editor, linker, a small set of interface and standard libraries. Compiles only small demo programs by limiting codesize and imports. Further development of the ETHZ compiler on FF24. Binary only. Demos with source. By R. Degen, C. Nieder, M. Schaub, J. Straube (AMSoft) FF113

M2Error M2error can be used to display compile errors produced by the TDI Modula-2 compiler, like the m2error supplied by TDI. Includes source. Author: Richie Bielak FF79

M2Icons New Icons for the M2Amiga System. Includes a script for easy installation. Author: Robert Brandner FF549

M2Midi A Modula-2 interface to Bill Barton's v2.0 'midi.library'. This is version 1.03. Includes source in Modula-2. Author: Jürgen Zimmermann FF563

M2Pascal A simple Modula-2 to Pascal translator. You can write simple programs on your Amiga using one of the available Modula-2 compilers, and then use this translator to generate Pascal source for export to other systems with Pascal compilers. Version 1.0, includes source in Modula-2. Author: Greg Mumm FF512

M2Utils Various source modules for Benchmark Modula-2. Includes ColorReq, an interface to the Dissidents color.library; IFFLib, an interface to Christian Webers iff.library; and ARP, an interface to ARP V1.3. Author: Sascha Wildner FF439

M4 A UNIX M4 look-alike macro processor intended as a front end for Ratfor, Pascal, and other languages that do not have a built-in macro processing capability. Pd M4 reads standard input, the processed text is written on the standard output. By Ozan S. Yigit (oz) FF160

MacFont A conversion tool to convert Mac fonts to Amiga fonts. Binary only. Author: John O'Neill and Rico Mariani FF138

MachII A 'mouse accelerator' program that also includes hotkeys, the features of sun mouse, clicktofront, popcli, title bar clock with a bbs online charge accumulator, and more. This is version 2.6, an update to version 2.4c on FF163. Binary only. Author: Brian Moats FF254, FF163, FF130

MachIII A mouse accelerator program that also includes, hotkeys, features of sun mouse, clicktofront, popcli, title bar clock with a bbs online charge accumulator, Arexx support and much more. Updates for Workbench 2.0 have been added along with many fixes and new features. This is version 3.1, an update to version 3.0 on disk 378. Binary only. Author: Brian Moats and Polyglot software FF471, FF378

Machine A neat new animation from Allen Hastings. Author: Allen Hastings FF109

MachIV A macro/hotkey program that also includes features of sun mouse clicktofront popcli clipboard viewer title bar clock and much more. Each program or window may have its own hotkeys and other settings. Requires 2.x. This is version 4.0 an update to 3.1 on disk 471. Binary only. Author: Brian Moats FF624

Mackie A versatile cli/macro-key initiator based on POPCLI with a unique method of screen-blanking. I won't say more, just try it! This is version 1.4. Includes fixes to work with latest WShell and the new 'never' keyword. Includes source. Author: Tomas Rokicki FF305,FF267, FF189, FF187, FF161, FF130

Macro A small utility that records a sequence of keypresses that can be recalled at any time. Handy for 'on the fly' recording because of its simplicity. (Doesn't need a window, doesn't use the functions keys, so it won't interfere with other uses of them, etc.) Version 1.0, includes source. Author: Piero Filippin FF786

macros.i Assembler include files. AM5

MacView Allows viewing of standard MacPaint picture files in either Amiga low resolution (320 x 200) or high resolution (640 x400). Executable, sample pictures, and icons (version on disk 32 did not include pictures). Author: Scott Evernden FF35, FF32

MadBlanker A cute screen blanker that bounces a transparent rectangle around on the screen, like a theater spotlight, with configurable options which include size and whether or not you want the rectangle to change size. Version 2.0, includes source. Author: K. Mardam-Bey FF406

madlib A mad lib story generator in AmigaBASIC. AM11

MagicMenu Replaces all Intuition menus, supporting both 'pull-down' and 'pop-up' menus. Menus can be displayed in either the Standard look, or the modern AmigaOS 2.0 style 3D-Look, and controlled exclusively using the keyboard, (no need to grab the mouse anymore!) Configurable handling and appearance. Remembers every menu's last selected item, displaying Pop-Up menus the next time at a position allowing quick selection of the same or neighboring items. Automatically brings the currently active screen (if not visible) to the front for menu selection then returns it to the back after a selection is made. Input timeouts, plus much more! Version 1.27, binary only. Author: Martin Korndörfer FF906

MagicNoises A MED module package including: Happy Hour, Magic Voices, Take it slow, Terminator II. Author: Lars Rößiger FF811

MagIcon A program which takes 'fake' icons dropped on the Appicon and turns them into 'real' icons. The program also supports a Tools-menu entry so 'fake' icons spread over several windows can be easily iconified. Support for 38 file formats and the appropriate icons are included. Requires Kickstart 2.0 or higher. This is version 1.0, binary only. Author: Oystein Larsen, Ultima Thule Software FF725

Magnetic_Pages A software package that allows you to create and display a disk-based magazine. The magazine produced is of a similar format to that of a traditional paper magazine. You can combine text and graphics on a single page, branch to different sections by clicking on icons and play sound and music. Features a full intuition driven interface. Version 1.0, shareware, binary only. Author: Mark Gladding. FF372

MagPages A software package that allows you to create and display a disk-based magazine. The magazine produced is of a similar format to that of a traditional paper magazine. You can combine text and graphics on a single page, branch to different sections by clicking on icons and play sound and music. Features a full intuition driven interface. Version 1.30, an update to version 1.0 on disk 372, with many new features, bug fixes, and an improved user interface. Shareware, binary only. Author: Mark Gladding FF684, FF372

Mailchk A mail client for Dnet, which will inform you of any new mail and will give the choice of viewing, deleting, or printing a message. Version 2.01, includes source. Author: Stephane Laroche FF324

MailMerge A utility to perform simple mail merge using the LaTeX letter style. Simply requires a letter in .tex format and a file of addresses. Each of these is inserted in turn into the .tex file which is run through LaTeX and then through the printer driver. Version 1.0 includes C source. Author: Andrew Martin SciTech Software FF599

mailtalk A talking mailing list program in AmigaBASIC. AM11

MainActor A modular animation package containing modules for various animation and picture formats. You can create/edit/time/play animations of any size. An arexx port is integrated. Version 1.0, binary only. Author: Markus Moenig FF888

MAK The Mandelbrot Adventure Kit is a nicely done mandelbrot generator with full source code (about 18,000 lines of C code). Includes some sample images along with the parameters used to generate them, and lots of built-in help screens. Author: Steven Dillon FF522

Make A simple 'make' programming utility, C program in C source code and executable. AM2

Make Another version of make that seems to be more complete than many other PD makes. Author: Unknown, downloaded from the Software Distillery FF45

Make Public domain make from mod.sources, Volume 7, number 91. It has been cleaned up, Manx'ified, and some new features added, by Steve Walton. Includes source. Author: 'caret@fairlight.OZ' FF69

make Subset of 'UNIX' make command. Useful, but does not have many of the features of the full make, much less the newer 'augmented make' Author: Landon Dyer FF2

make2 Another make subset command. By Marc Mengel FF2

MakeDMake An automated DMake file generator. You give it the names of all the C-files used to produce your executable (except #include'd .c or .h files), and it will automatically scan them to find all dependencies, and produce a ready to use (in many cases) DMakeFile calling DCC with options you will need for normal compilation and linking. Version 0.22, an update to version 0.19 on disk 810. Includes source. Author: Piotr Obminski, from original code by Tim McGrath FF895, FF810, FF789

MakeIcon A command line utility for creating quick icons for programs that don't have icons. (Not related to MakeIcon on disk 255). Version 1.1 includes source. Author: Daniel Kocsis FF623

MakeIcon Allows you to create any of the Workbench 2.0 default icons for anything, disks, projects, drawers, the works. Designed for people who work from the shell making disks that will ultimately run from the Workbench. Requires Workbench 2.0. Binary only. Author: Robert Lang FF719

MakeIcon This program will make an icon (.info file) using image data from either another icon, or an IFF picture file. The image data is drawn on the screen so you can see exactly what your icon will look like. You can also go the other way, and make IFF files from icons, which can then be loaded into a standard IFF graphics editor. Version 1.1, binary only, source available from author. Author: Paul Blum FF255

MakeIcons Utility that uses selected icons as templates to create new icons for files that don't have them. It can also revise existing icons giving them new images tooltypes or positions. It will operate on all icons in a disk or drawer (the user decides whether it will operate recursively or not) or the user can identify specific icons for revision. Unlike the pseudo icons shown by Workbench 2.0 MakeIcons creates real icons complete with tooltypes stack size and so forth. Version 1.0 shareware binary only. Author: Fabbian G. Dufoe III FF630

MakeInfo A modified GNU makeinfo that allows you to easily create a AmigaGuide(R) hypertext file from a TexInfo .tex file. in addition to the usual plain ASCII file and a TeX .dvi files. This version fixes two nasty bugs: makeinfo working on 68030 machines only, and amiga.tex not handling correctly all foreign characters. Version 1.49b, includes source. Author: FSF, amiga enhancements by Reinhard Spisser and Sebastiano Vigna FF787

MakeLink A replacement for the CBM 'MakeLink', fully compatible. Features are soft & hard links, links to files & directories and link loop warnings. Version 0.90, freeware, binary only, with source available from the author. Author: Roland Mainz FF887

MakeLink A replacement for the original AmigaDOS 2.0 MakeLink command. Supports both hard and soft links. Residentable. This is version 1.1, includes source. Author: Stefan Becker FF677

Makemake Reads C source files and constructs a vanilla makefile in the current directory. Includes source. By Tim McGrathm FF74

MakePatch Scans a file for changed, inserted or removed bytes and saves these changes to a small patchfile. This file contains all the information for the supplied 'Patch'Em' program to patch an old version into the new one. Very useful and time-saving for sending updates to Beta testers for example. Not just limited to programs, you can use MakePatch/Patch'Em with all kinds of data; graphics, sound, lharc archives, etc. Version v0.017, includes assembly source. Requires OS 2.04 minimum. Author: Peter Simons FF857

Makewords PhoneWord takes a full or partial telephone number and attempts to create a word from the various alphabedigit combinations. Unjumble may useful in solving the Sunday morning newspaper Scramble. Includes source. Author: Ron Charlton FF366

MallocTest A malloc/free test program that allocates and frees randomly sized pieces of memory with random lifetimes, and fills them with patterns that can be checked for corruption. Useful for beating on your vendor supplied memory management routines, or possibly as a poor man's memory test program. Includes source. Author: Neil

Webber FF66

MambaMove A game with the goal of moving an apple eating snake inside four walls until an exit appears. Includes source. Author: Stefan G. Boldorf FF548

Man A program similar to the UNIX 'man' program. Displays information about a topic from manual pages. Does not include any database of topics, you have to supply your own. Version 1.2, includes source. Author: Garry Glendown FF241

Mandala A mandala graphic program with sound, sort of Eastern music. Binary only. Author: Unknown FF67

MandAnim A Mandelbrot Animation program that allows you to easily generate series of lo-res/16-color pictures. Features full mouse and/or keyboard operation, zooms, auto-save, high (+cheat) speed, iconization, preview, ease, etc. The generated pictures all remember their positions and settings so they can be reloaded. This is version 1.2, an update to version 1.1 on disk 387. Binary only. Author: Ekke Verheul. FF461, FF387

Mandel Another mandelbrot generator program, with bits and pieces of code from C. Heath and R.J. Mical. This is V1.3, an update to FF111. New features and improvements include an ARexx interface, coordinates in sight, more state info saved with a picture, batch files, programmable functions, and more plotting options. Includes source. Author: Olaf Seibert FF218, FF111

Mandel Mandelbrot set program, C code and executable. AM1

mandel One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

MandelBlitz Very fast Mandelbrot plotter with lots of handy functions such as color cycling, zoom, special palette control, file requestors and more. Version 1.0, binary only Author: Nico François FF387

Mandelbrot A fast Mandelbrot rendering program that uses some of the mathematical properties of the Mandelbrot set to greatly reduce the drawing time. Demonstrates graphics programming, assembly language, menus and IFF file I/O. Standalone image with source code. Author: Nick Didkovsky FF239

Mandelbrot Latest and greatest mandelbrot program. Features include the ability to save images in 'IFF' format, for reading into Deluxe Paint or other programs that use IFF. Also includes code from GraphiCraft to handle color palette and change colors at will. Many additions by RJ Mical. Version 3.00 Author: Robert French FF31, FF5, FF4

Mandelbrot Set Explorer This is a copy of Thomas Wilcox's Mandelbrot Set Explorer disk. To run from CLI: 1) cd dfX: (where X is drive containing disk)=2) mse. To run from Workbench: 1) Click on MSD icon. It contains extensive on-line help information, unlike other Mandelbrot programs distributed in this library. It also is capable of displaying some very pretty hi-res pictures in interlace mode. FF21

MandelBrots Some mandelbrot images submitted for the 'mandelbrot images contest' some months ago. Only three people submitted mandelbrots and these were among the most interesting. FF20

MandelMountains A program that renders three-dimensional images of blowups of the Mandelbrot set. Includes several example images. This is version 2.1, an update to version 2.0 on disk 354. The most significant enhancement for this version is that is is two to three times faster due to inclusion of a specially tuned fixed point arithmetic package. Shareware, binary only. Author: Mathias Ortmann FF383, FF354, FF295

MandelPAUG A version of MandFXP with complete online help, a fully implemented Mandelbrot and Julia set 'movie mode', and many improvements in the user interface. Version 2.1, binary only, source available. Author: Bruce Dawson, Steve Larocque, Jerry Hedden FF452

MandelSquare Yet another program to generate images from the Mandelbrot set, different from most implementations in that it runs only under AmigaOS 2.x, requires an '020/'030/'040 CPU and a numerical coprocessor. The calculation routines were written in '881 assembly language for maximum speed and precision. Also included is a `movie mode' which allows generation of long camera zooms to spots in the Mandelbrot set. The resulting animations can be saved in ANIM-opt-5 format, allowing to replay them using `MandelSquare' or standard animation software. Enhancements include support for the AGA chipset (now you can finally create images in 256 colours!) and several bug fixes and improvements in the image and animation creation code. This is version 1.6, an update to version 1.3 on disk 589. Includes source in C and assembly language. Author: Olaf `Olsen' Barthel FF835, FF588

MandelVroom A Mandelbrot/Julia-curve generating program that features five numerical generators (integer, ffp, ieee, 020, and 020/881) in hand-crafted assembly for maximum speed, online mouse selectable help for all functions, generation of multiple pictures simultaneously, a sophisticated user interface with shaded gadgets, etc. Some of the other features include zoom, magnify, color-cycling, contouring, auto-contouring, histogram, statistics, presets, extra-halfbrite support, overscan, orbits, pan mode, and more. Requires 1Mb or more of memory. This is V2.0, an update to FF78. Source is available on FF214. A compiled binary, along with help files and example images, can be found on FF215. by: Kevin Clague FF215 & 214, FF78

mandlebrot One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

mandrill A gorilla in an IFF picture. AM6

MapTrix A texture map/backdrop generator featuring a large number of fractal effects, including mountains and clouds, wave synthesis, and 'static' generators. Also has some image processing tools, including emboss, ruffian, convolutions, resizing and smooth. Supports DCTV if available. Requires AmigaDOS 2.04+. Version 1.0, shareware, binary only. Author: Alexander D. DeBurie FF853

MarbleMadness.pic A screen from Marble Madness. AM6

MarbleSlide The aim of this game is to build a slide on a 10 x 11 board of pieces that move around, allowing the marble to reach the goal piece. You play against time. Also includes a board editor to build custom boards. Binary only. By: Peter Handel FF283

Marge A simple CLI utility to add a specified number of spaces or tabs to the left side of every line in a file. Includes source. Author: Joel Swank FF177

Marilyn HiRES BW collection of Ms. Monroe FF72

marimba Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Marketroid Marketroid is Leo's entry for the Badge Killer Demo Contest. It is another devious sprite oriented demo with lots of 'in' jokes. 512K required. Includes source. By: Leo Schwab FF115

Martian The Bugs Bunny Martian in an IFF picture. AM6

MAssign A little command to make 'M'ultiple assigns. Allows you to remove all assign and makedir statements from your startup- sequence. For use with KickStart 2.0 only. Version 2.00, binary only. Author: Peter Stuer FF703

Mat A comprehensive String-Search/Pattern-Match Utility for both text files and directories. A powerful command line syntax allows automatic file editing, construction of command scripts, and so on. Example Shell scripts are included. Binary only (a much enhanced version of the original on Disk #102). Author: Pete Goodeve. FF374

Match-stuff Heavy duty text pattern matching stuff. The pattern syntax is an extension of standard AmigaDOS filename matching. Also includes some simply matched text replacement capability. Includes source. Author: Pete Goodeve FF102

MatchPlay A small CLI program that enables experimenting with AmigaDOS pattern matching. It's the best way to learn how to use and interpret those patterns. You give a pattern and a string as arguments and the program determines if the pattern would have matched the string. Requires OS2.x, version 1.00, binary only. Author: Chris Vandierendonck FF788

mathffp.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

mathieeedoubas.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

mathieeesingbas.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

MathPlot A function plotter with lin/log plot, a complete KS 2.0 interface, and ARexx support. Needs Kickstart/WorkBench 2.0 and mtool.library (included). Version 2.01, an update to version 1.04 on disk 573. Shareware, source available from author. Author: Ruediger Dreier FF849, FF573

MathsAdv A simple game where you, the young adventurer, must try to escape the king's Maths Adventure. To do this you must pass through a series of rooms. In each room you are given a math problem to solve, after which you can proceed to the next room if you answer correctly. The problems become more involved and more difficult in each room. This is an update to the version on disk 602. Includes source. Author: Jason Lowe FF713, FF602

Mathtrans A very small library which replaces the mathtrans.library distributed by Commodore-Amiga, for those who own an MC68881/82 floating point unit. Calculation speed of some functions is increased up to 15 times. Version 1.1, includes source. Author: Heiner Huckstadt FF319

mathtrans.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

Matlab A FORTRAN package (MATrix LABoratory) developed by Argonne National Laboratories for in house use. It provides comprehensive vector and tensor operations in a package which may be programmed either through a macro language or through execution of script files. Supported functions include sin, cos, tan, arcfunctions, upper triangular, lower triangular, determinants, matrix multiplication, identity, hilbert matrices, eigenvalues, eigenvectors, matrix roots, matrix products, inversion, and more. Amiga specific features include workbench startup, polar plots, contour plots, enhanced plot buffer control, and algorithmic plot display generation. This is an update to the version on disk 267, with many bug fixes and code reorganizations. Includes source in FORTRAN. Author: Jim Locker, Cleve Moler, Mike Broida FF499, FF267

MatLabPatch Patches for both Matlab and Diglib on disk 499. The version of Diglib compiled for 68000 machines has some incorrectly compiled modules (compiled for 68020) and therefore causes crashes on 68000 machines. The Plot.sub module compiled for 68000 machines in the Matlab archive was linked using the incorrect Diglib and does not run on 68000 machines. This update provides correctly compiled replacements for both those files. Author: Jim Locker FF538

Matrix Solves systems of linear equations. Includes both PAL and NTSC versions. Version 1.00, includes source. Author: Rudiger Dreier FF376

Maze A couple of very nice demos for the creation and use of single-solution mazes, one of which is practically a stand-alone game. Includes source. Author: Werner Gunther FF171

Maze An example of a fully re-entrant maze generation program written in assembly language using Manx's assembler. Includes source. Author: Michael Sinz FF248, FF218

MBPress A command that will detect which mouse buttons (including middle) are currently being pressed. The result can then be used to decide a course of action in a script file. Handy for your startup-sequence. Requires 2.04. Includes source. Author: Steve Anderson FF602

MC68010 Complete information package for upgrading an Amiga to use an MC68010 in place of the MC68000. Includes a software fix that makes this transparent to user programs that use instructions that are privileged on the 68010 By Thad Floryan FF18

mCAD An object-oriented drawing program, version 1.2.2. Uses a small set of graphics primitives (like 'line', 'box', and 'text') and a small set of editing functions (like 'move', 'size', and 'rotate'). While drawing and editing, the user can call on other functions to modify the display; to zoom in, slide around, superimpose a grid, etc. This shareware program was submitted by the author. Many improvements over the version released on FF56. Binary only. Author: Tim Mooney FF59, FF56

MCAnim A special animplayer. Plays LORES 4-plane ANIM5 anims in a HIRES-LACE screen. The result is a FULLspeed, small (1/4) animation with a high resolution. The anim can be placed anywhere on the screen. One of nine copperlists can be added in one register without loss of speed. Version 0.8, binary only. Author: Ekke Verheul FF794

MCMaster MCMaster is another cassette tape cover printing utility which should work together with any printer which supports pica and fine. Other features include a search function and a list function which allows you to put all the song names in a list gadget to scroll around. Version 1.1, freeware, includes source in C. Author: Michael Watzl FF685

MCP A 'TRON' like cycle race game for up to four players. Version 13.76, update to version on disk 338, includes source in assembly. Author: Jorg Sixt FF481

meadows3D A 3D graphics program, from an AC™ article, in AmigaBASIC. AM11

Mean18 Two Mean 18 custom golf courses by Joel Swank FF304

MechFight A role playing game where you explore a world, buy or find items, and fight against robots and aliens. During the game you are asked to perform certain tasks. This is version 1.0, binary only. Author: Florian Marquardt FF410

MED MED is a music editor that can be used to compose music for demos/games etc. It can be used as a stand-alone music program as well. The features include built-in sample editor, synthetic sound editor, MIDI support (up to 16 tracks), and options to read/write NoiseTracker modules. Included are routines that allow programmers to easily incorporate music made with MED in their programs. This is version 3.10, an update to version 3.00 on disk 476. Binary only. Author: Teijo Kinnunen FF483, FF476, FF424, FF349

Med Yet another Amiga text editor. This one lets you edit up to 36 files simultaneously and makes extensive use of the mouse. This is version 2.1, binary only. Author: Francois Rouaix FF60

MED-Songs A selection of musical pieces created with MED, the musical editor program (see disk 476 for MED 3.00). Includes MEDPlayer version 3.0. Author: Hans-H. Adam FF478

MegaBall This is a new version of the game Ball by the same author. It is a Breakout type game, and is very good. Complete with impressive sound. This one's addicting. Binary only. Author: Ed Mackey FF477

MegaD A directory utility with multiple directory windows so you may copy from multiple sources to a single destination, copy from one source to multiple destinations, or copy from multi- ple sources to multiple destinations. Full font support, full screens support, application icons, application menus and ap- plication windows support. Includes 126 page tutorial and 47 page user guide. Other features include 72 user defined com- mand gadgets with simple keyboard equivalents, and multiple filters on directory listings. Version 2.00, binary only. Author: John L. Jones FF736, FF440

MegaEd A powerful text editor with lots of features, some not found elsewhere. Integrated Text oriented database, extensive for- matting/printing functions, macro language, Arexx-port, key- word indention, multiple blocks/marks, key/menu macro record- ing, configurability for lot's of languages/compilers, inumer- able handy functions for programmers, user friendly interface. Version 1.5, public domain, binary only. Author: Wouter van Oortmerssen FF743

MegaView A 'Multi-View' kind of program for use with Workbench 2.0. It uses the whatis.library (included) to recognize the filetype of a file with which it is invoked to run a filetype-specific program. MegaView can be used from the Shell, from Workbench, as Default Tool in project icons, as an AppIcon or as an AppMenuItem. Version 1.03, public domain, includes source. Author: Hans-Jörg and Thomas Frieden, Whatis.library by Sylvain Rougier and Pierre Carette FF908

MegaWB A program that makes it possible to make your WorkBench screen as large as you like. Version 1.2, Source in Modula-II. By: Fridtjof Siebert FF253

Melt Another display hack from the master himself... Includes source. Author: Leo Schwab FF66

MEM A little memory game where the object is to remember the face of a 'thief' you are shown for a variable length of time depending on the level. You are then presented with a screen in which you have to 'recreate' the face using various selections for eyes, eyebrows, nose and mouth. Version 1.0, binary only. Author: Jason Truong FF780

MEmacs Another Emacs, more oriented to word processing. In C source code and executable program, and documentation provided. AM9

MemBar A simple program to display the free memory using

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Last Minute Additions

a window with bars for chip and fast memory. Version 1.0, public domain, includes source. Author: Benjamin (Pink) Stegemann FF814

MemBoardTest Originally designed for production testing of A1000 memory boards. Very nice intuition interface. Version 2.4, includes source in Modula. Author: George Vokalek FF158

MemCheck A small tool to watch the first 1000 bytes of memory for ille- gal write actions. It also checks some system vectors (coÍd- capture, coolcapture, warmcapture, kickMemPtr, kickTagPtr and kickCheckSum) to show any changes made by viruses. Kickstart 1.3/2.04 compatible. Version 1.0, binary only. Author: Tom Kroener FF740

Memcheck An antivirus package designed to be used for detection and analysis of new and old viruses. It includes a very powerful bootblock detector a CLI detector and a Vectors program. The programs check for any virus in RAM and are able to kill all viruses in RAM. All libraries devices interrupts reset vectors etc are completely checked by the programs. This is version 5.0 binary only. Source code is available from the author. Author: Koen Peetermans FF600

MemClear Walks through the free memory lists filling free memory with a user-specified value. Display diagnostic information on CHIP & FAST RAM fragmentation. This is version 1.05 an update to the version on disk 58. Includes source. Author: Dallas J. Hodgson FF571, FF58

MemDiag Memory diagnostic program to identify addresses which produce memory errors, and a memory quarantine program which removes such defective addresses from the system's free memory list, until the hardware errors can be corrected. Version 1.1, includes source. by: Fabbian Dufoe FF214

MeMeter A small utility for monitoring the Amiga's memory usage. Unique snapshot facility allows you to store the current numbers, launch a program, see how much memory it requires, end the program, and see if it returns all the memory. Version 2.1, binary only. Author: Gaylan Wallis FF366

MeMeter A WB 2.0 only version of MeMeter (only 2000 bytes). Update for original MeMeter, which didn't work under 2.0. Includes source in C. Author: Pierre Carrette FF843

MemFlick Treats all the memory in your Amiga as if it was part of a bitplane inside a graphics display. Provides sort of a graphical picture of your memory usage. Binary. By Jim Webster FF206

MemFrag Displays number of memory chunks/sizes to show memory fragmentation. Chunks are displayed as 2**N bytes which is a rough guide but still useful. This is an enhanced version of 'Frags' from disk 69. Includes source. By: Mike Meyer, enhancements by Gary Duncan FF345

MemGauge A graphical memory gauge. Displays your computer's memory (chip, fast, public) in three horizontal bars. Version 1.2, binary only. Author: Malcolm Harvey FF723

MemGauge A tool to display the current memory usage, very much like the usage bar Workbench displays in root directories. V1.4, includes source. Author: Olaf 'Olsen' Barthel FF222

MemGuard A program similar to MemWatch, which continually checks the low memory vector table for random trashing. Has been optimized and greatly enhanced to support the 68010, 68020, 68030, etc. microprocessors. Unlike MemWatch, MemGuard does not run as task in a dummy loop but rather as a low level interrupt routine which is capable of trapping memory trashing even before exec might know of it, and even while task switching is forbidden. Version IV, an update to version IIIa on disk 354, binary only. Author: Ralf Thanner FF436, FF354, FF325

MemLib A link library of routines to aid in debugging memory problems. Works with Lattice C 5.0 and possibly with earlier versions. It's features include trashing all allocated memory, trashing all freed memory, keeping track of freed memory with notification if it is written to, notification of memory freed twice or not at all, notification of overrunning or underrunning allocated memory, generation of low memory conditions for testing purposes, and identification of violations of memory use by filename and line number of the allocating routine. Includes source. Author: John Toebes and Doug Walker FF240

MemLook Gives a graphical view of your machine's entire memory area. Features memory gauge and controllable scrolling speed via the cursor keys. Version 2.0, an update to version 1.1B on disk 364. Includes source in assembly. Author: Thomas Jansen FF417, FF364

MemMan The MemoryManager can be used to test programs under different CHIP/FAST memory configurations. Version 1.10 freeware binary only. Author: Carsten Raufuß FF636

Memmin A little utility that will measure and continuously report the maximum amount of memory used by a program and the minimum level of memory remaining. Freeware, assembly source included. Author: Chas A. Wyndham FF760

MemMometer A program that opens a narrow window and graphically displays your memory usage like a gauge. Warps mode will detect changes in regions of memory over time. Detected changes are categorized and displayed using color coded bands. This is version 2.40, an update to Version 2.20 on disk number 496. Can be used with AmigaDOS 1.2 to 3.0; does 32-bit memory addresses. New with version 2.4 is an ARexx port for menu functions. Includes source in C. Author: Howard Hull FF758, FF496, FF350

MemMon A small memory monitor. Version II, shareware, includes source in Modula II. Author: Andreas Gunser FF455

MemoMaster A program that warns you about events (like birthdays and anniversaries) as they approach. Version 2, includes source. Author: Jeff Flynn FF819

MeMon An intuition-based utility that allows you to monitor or change specific memory addresses. User may select byte, word, or long word alignment. Displays in binary, hex, and signed or unsigned decimal. Also useful for displaying ascii codes of various character key mappings and/or as a hex/binary/decimal converter. Version 1.0, binary only. Author: David Ekholm FF769

MemoPad A shareware intuition-based memo reminder program. Nicely done. Update to version on FF 146, version 1.2, binary only. Author: Michael Griebling FF160, FF146

Memory Squares: Test your memory with this AmigaBASIC game. Author: Mike Morrison AC5

MemoryClock A clock program that shows the amount of free fast ram, free chip ram, as well as the time and date. Includes source in assembly code. By Roger Fischlin FF188

MemRoutines Some plug-compatible replacements for the Lattice C functions memcpy(), memcmp(), and memset(). Unlike the Lattice functions that deal with data one-byte at a time, these versions deal with longword chunks, which can improve performance of Amigas equipped with a 68020 or 68030. Includes source in assembly. Author: Robert Broughton FF362

MemSnap A small memory monitor useful for seeing how much memory other programs take up. Based on a program called Memeter, which broke under Kickstart 2.0. Requires Kickstart 2.0 or higher. Version 1.1, an update to version 1.0 on disk 696. Includes source. Author: Martin W. Scott FF826, FF696

MemTrace Routines to help debug memory allocation and freeing during program development. Will complain if you try to free memory you didn't allocate and will report on memory not freed when your program finishes. Author: Jojo Wesener FF163

MemView Program which sets up a direct window into RAM, thus dynamically displaying the contents of memory. Author: Leo Schwab FF33

MemWaste Allocates all fast memory except a user specified number of bytes. Allocation is freeable with another call to MemWaste. Useful if you do not want to waste 32-Bit-RAM for your 1 MB RAD. Version 1.0, first release. Includes source in assembly. Author: Thies Wellpott FF761

MemWatch Memwatch is a program intended to sit in the background and watch for random trashing of low memory by an application under development. If it detects a write to low memory, it repairs it to what used to be there, then puts up a requester indicating what damage had been done. Very usefull Version II, includes source. Author: John Toebes FF87, FF48

Menu A fast-access menu system configurable via a script file that allows the user run selected programs. Version 2.0, binary only. Author: Stefan Mörnhag FF387

menu One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13, AM1

Menu2Asm A module for A+L AG's Modula-2 compiler 'M2Amiga V4.0' that automatically creates modules for pre-initialized menus for the use with this Modula-2 compiler. Requires A68k by Charlie Gibbs or any compatible assembler. This is version 1.0. Includes source in Modula-2. Author: Jürgen Zimmermann FF563

MenuBuilder A program which automates the process of building menus. It takes a simple text file and generates a C source file with all the needed structures for linking with the rest of your program. This is version 1.0, and includes source. Author: A. Preston FF65, AC7

MenuC A menu and gadget compiler. Takes a simple ascii file describing menues and gadgets and creates the appropriate IntuiText structures needed to actually create working menues and gadgets, in either C or assembly source. This is version 0.8, binary only. Author: Bruce Mackey FF438

menudemo A demo of Intuition menus called 'menudemo', in C source. C program. AM5

menuEd A menu editor that produces C code for menus. Executable program and documentation. AM12

MenuEd: A menu editor that allows you to easily create menus. The program then generates C code that you can use in your own programs. Author David Pehrson AC1

MenuEditor Create and edit menus, saving the result as either a binary file for further editing or as C source for inclusion in a program. Author: David Pehrson Author's suggested shareware donation: $15 FF30

MenuLock A program that lets you 'lock' the menu strip of a window at the touch of a few keys making it easier to browse the menu without accidentally selecting anything. Version 1.01 includes source. Author: Jan van den Baard FF570

Menus Learn about Intuition menus, a John Draper Amiga Tutorial. AM2

MenuWriter Allows you to write a menu to the bootblock fo a disk. Allows up to 30 entries of 39 characters long, with commands up to 31 characters long. The loader also allows batch files to be executed. Includes a built in virus detector. Version 3.1, binary only, source available from author. Author: Peter Stuer FF420

MergeMem Program which attempts to merge the MemList entries of sequentially configured RAM boards. When successful allows allocating a section of memory which spans board boundries. Version 2. Author: Carolyn Scheppner FF95, FF56

Metafont Amiga port of the Metafont package, a program to create TeX fonts. Includes versions for 68000 and 68020. Disk 487 contains a copy of the Metafont font source files from the TeX distribution tape, including the Computer Modern Roman and the LaTeX fonts. This is version 2.7, binary only. Author: Donald E. Knuth. Stefan Becker (Amiga port) FF486

Metro In METRO, you play the role of a city planner. Using limited funds, you must construct a mass-transit subway system capable of meeting the needs of your city. Build wisely and your system will be a success, but poor planning will lead to disaster and financial ruin. Shareware, binary only, source available from author. Author: Mark A. Thomas and David P. Townsend FF426

MFF-Demo Demo copy of the MicroFiche Filer program from Software Visions Inc. The MicroFiche File is a full-powered database program for manipulation of text, numbers, and pictures. It uses the microfiche metaphor for dealing with your data graphically. This is a full production version except that the save option has been disabled. Includes a sample database of my disk library. Binary only. Author: Gary Samad FF89

MFF-Update A text import utility for MicroFiche Filer (demo version released on disk 89) and updates to some PD disk library databases. Binary only. Author: Gary Samad FF103

MFix A small program to insert in the startup-sequence of the commercial program, Marauder II, from Discovery Software, International. Whenever the copy process is started, the rainbow screen is covered by a bare screen until the copy is finished. The author claims a 25% decrease in copy time is achieved. Version 1.0, binary only. Author: Stephen Gunn FF172

MForgeRev Text of a user's view of MicroForge hard drive. AM8

MFR Magic File Requester is a replacement for other file request- ers. Features include complete keyboard control, nice outfit, proportional font support, multiple directory caching, file find mechanism, file class support, file notification, many configuration options, history list, etc. This is version 2.0a, shareware, binary only. Author: Stefan Stuntz FF705

MFSrc A copy of the Metafont font source files from the TeX distribution tape, suitable for use with the Amiga port of Metafont on disk 486. Included are the Computer Modern Roman and the LaTeX fonts. These should be sufficient to run a normal TeX installation. Author: Various FF487

MG Beta version of mg3, including ARexx support. This is probably the most stable beta for the next year, as many new features are going in after this. Amiga-only release. Sources compressed with lharc to fit on the disk. Update to mg2b on disk 147. Author: Mike Meyer, et al. FF352

Mg1b A version of Mg1b with an ARexx port and other improvements by Tomas Rokicki. Finally you can define macros and bind them to function keys in your startup file! Includes source. Author: Various; enhancements by Tomas Rokicki FF131

MICE My Image Code Editor. MICE generates source code from standard IFF pictures. Can generate either assembly or C source. Version 1.3, an update to version 1.2 on disk number 590. Binary only. Author: Pierre-Louis Mangeard FF903, FF590

MicroEMACS Version 3.10 of Daniel Lawrence's variant of Dave Conroy's microemacs. This is an update to the version released on disk 119. New features include multiple marks, more function key support, a better crypt algorithm, and end-of-word command, a command line switch for setting environment variables, new hooks for macros, a command to strip trailing whitespace, international-zation features like foreign language message support, horizontal window scrolling, much faster search algorithm, Amiga intuition support, and more. Includes source and extensive online documentation. Author: Dave Conroy, MANY enhancements by Daniel Lawrence FF195, FF147, FF119, FF93, FF61, FF6, FF2

MicroEmacs This disk contains a significantly enhanced version of microEmacs based\on the version 30 release posted to usenet's mod.sources news group. Previous versions of microEmacs released on these disks derived from a very old version of microEmacs. The author has cleaned up lots of loose ends and restructured major parts of the code. Other people have added support for termcap, ports to other machines and operating systems, and a limited GNU emacs compatibility option. Because recipients of this disk might wish to run this new microEmacs on other machines in addition to the Amiga, I have included all sources that were available to me at the time of release. The sub directories which give alternate implementations are: Sys/Vms System modules for VAX VMS Sys/Atari System modules for Atari ST Sys/MS-DOS System modules for MS-DOS Sys/Cpm86 System modules for Cpm Sys/ Amiga System modules for Amiga Sys/Ultrix System modules for Ultrix/BSD4.2 Sys/SysV System modules for UNIX System V Tty/Atari Terminal driver for Atari ST Tty/7300 Terminal driver for AT&T UNIX PC (7300) Tty/Intuition Terminal driver for Amiga using Intuition Tty/Termcap Terminal driver using termcap for UNIX Tty/Ansi Terminal driver using ANSI codes Tty/ AmigaDOS Terminal driver for Amiga using just AmigaDOS Tty/Heath Terminal driver for a Heath terminal. Please send any enhancements to rtech!daveb, or to me and I will see that he gets them.- Fred FF23

MicroGNUEmacs MicroGNUEmacs(MG 2b) contains many additions and enhancements since the original works by Dave Conroy (credit belongs to all contributors and Beta testers. Note: Amiga specific source code files and the document files have been archived. An executable copy of the PDS archive program 'Zoo' is in the 'c' directory FF147, FF101, FF68, FF6

MicroSPELL MicroSPELL is a standalone spelling checker which scans text files and reports on misspelled words. It has a 1000 word 'common word' list, a 43,000 word main dictionary, and supports multiple user dictionaries. Also interfaces quite nicely with MicroEMACS 3.9, with an emacs macro to step through the source file, stopping at

each suspect word and allowing the user to dispose of it in different ways. Version 1.0, includes source. Author: Daniel Lawrence FF101

MicroTerm A very small, very simple, almost brain-dead terminal program. Primarily useful as an example of how to talk to the console and serial devices. Version 0.1, includes source. Author: Stephen Vermeulen. FF326

MIDI A midi library and utilities set. This looks like a very complete package, though I have no way of testing anything since I have no MIDI hardware. The MIDI utilities include a MIDI monitor to display incoming MIDI messages to the console, a routing utility, a MIDI library status utility, and more. Also includes source. Author: Bill Barton FF101

MIDI Make your own MIDI instrument interface with documentation and a hi-res schematic picture. AM13

MIDI Out: A MIDI program that you can expand upon. Written in C. Author: Br. Seraphim Winslow AC3

MidiChords A program which replaces and extends the chord-key-playfunction, as may be found on several low priced keyboards. To make full use of this code a MIDI interface and a keyboard capable of MIDI reception is required, however, a limited audio output is available too. Some special harmonic routines are: Chord Finding, Sequencing and Random Play. Chords and sequences are played by simple mouse clicks and recorded Seqfiles can be saved (and loaded). On-line information may be switched on/off. Version 3.2, binary only. Author: Theo Brugman FF847

MidiDiag Displays midi data as well as indicating which midi function was detected. Version 2.1, binary only. Author: Michael Dosa FF653

MidiKeyboard A program that makes it possible to play MIDI keyboards connected to the Amiga with a MIDI interface via mouse or computer keyboard. It is possible to control up to 16 notes independently with the computer keyboard. Requires Bill Barton's 'midi.library' V2.0 or higher. This is version 1.0. Binary only. Author: Jürgen Zimmermann FF563

MidiLib A disk based library that permits sharing of the serial port by MIDI applications through a MIDI message routing and processing system. The midi utilities include a midi monitor to display incoming midi messages to the console, a routing utility, a midi library status utility, and more. V2.0, an update to FF101, and includes significant speed enhancements, new utilities to play with MIDI files, and updated utilities, documentation and examples. Binary only (source for examples and bindings however). Author: Bill Barton FF227

MIDIsoft Transfer sound samples between the Amiga and a Roland S-220. V1.0, binary only. By Dieter Bruns FF199

MIDIstuff A package of 8 tools that use midi.library so that they can use MIDI at the same time and can easily be combined in a modular way. Release 2 prerelease version binary only. Author: Bill Barton and Carl Loesch FF604

MidiSyn Monitor incoming MIDI messages. Displays a synthesizer on a PAL screen and redraws current state of all 61 keys at 50 frames per second. All interrupts turned off while running. Version 1.0, binary only. Author: Marcus Ottosson FF763

MidiTools A group of several different utility programs for those who run a Midi system. Update to version on disk 159. Includes three new programs, two of which are synthesizer editors, and compatibility with AmigaDOS 2.0. Binary only. Author: Jack Deckard FF488, FF159

MidiTools Simple programs to play and record through the MIDI I/F. Untested (I have no MIDI hardware). By Fred Cassirer FF54

MigaMind A small WorkBench Master-Mind type game. Includes source. Author: Ekke Verheul FF363

MigaSol A game of solitaire. AM15

MightyMouse A very small screen blanker, mouse accelerator, mouse blanker, hot key, etc. utility. Version 1.05, binary only. Author: Bob Stouder FF527

MileStone Another game in ABasiC by the author of Monopoly. Author: David Addison FF28

Millim A utility that generates millimetered paper with linear or logarithmic scale (both in x and in y) on a PostScript line printer (on whatever printer, with a PostScript interpreter like Post from Adrian Aylward, disk 669). Public domain, includes source in PostScript. Author: Maurizio Loreti. FF879

Mind A design for artificial intelligence (AI) based upon linguistics. The included animation shows how one node on a syntax tree flushes out the currently active concept in a mind contemplating a scene of the external world through the eye. Includes five documents describing the theory behind the animation. Author: Arthur Murray FF411

mindwalker Text clues to playing the game well. AM12

Mine A new Modula-2 implementation of an old computer game. You have an N * N square with mines hidden in some fields. Your job is to mark them with a flag as fast as possible. Highscore lists are supported. This is version 1.8, an update to version 1.6 on disk 758, and contains a few improvements and some bug fixes. Requires AmigaDOS 2.0, includes source. Author: Thomas Ansorge FF835, FF758, FF725

MineClearer Amiga version of the Minesweeper program under Windows 3.0. You are the captain of a ship and you have to clear the sea from mines. Shareware, version 1.0c, binary only. Author: Kopetzky Theodorich FF541

MinedOut A remake of the BASIC program of the same name for the Sinclair Spektrum, by Ian Andrews. Mined Out is a strategy game, like Mine on disk 725 or AMines on disk 707. The object of the game is to find a way from the bottom of the minefield to the top, to escape a computer enemy. Version 1.0, shareware, binary only. Author: Dieter Seidel FF813

MineField Another MineField program. This one has nice graphics, sound, adjustable parameters, and a 3D look interface. Author: Adisak Pochanayon FF850

Mines A game in which you have to logically find out which parts of the mine-field are not mined. There are many kinds of minefields and you have to be very careful to be able to solve the most difficult levels. Mines opens its own window on a Workbench screen and it's multitasking friendly. This game was made and tested under Workbench 2.0, so the colors may look a bit strange under WB1.3. Version 2.0, binary only. Author: Teemu Sipilä and Marko Malmberg FF835

MiniBlast A shoot'em up game which runs just fine in a multi-tasking environment. At last you can enjoy a satisfying megablast while you are writing a boring essay. Shoot anything that moves, and if it doesn't move, shoot it anyway. V1.00, binary only. By: Anders Bjerin FF336

MiniPac A very tiny PacMan clone, only about 8K. Binary only. Author: Philippe Banwarth FF803

minipaint One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. Written in one of the two early Amiga BASIC programs. FF13

MinixDemo Demo version of minix 1.5, an operating system very similar to UNIX. The full version of minix comes with source code for the kernel and most of the utilities. Binary only. Author: Andrew Tanenbaum, et. al. FF525

MinRexx A simple ARexx interface which can be easily patched into almost any program. Includes as an example the freedraw program from disk number 1. This is version 0.4, an update to the version on disk 188. Includes source. Author: Tomas Rokicki FF450, FF188

Minterm Minimizes boolean algebra formulas. Minterm can minimize formulas with up to 15 variables. Version 2.0 for AmigaOS 2.04 an higher. An old version (1.1) is included for users still requiring OS 1.2/1.3 compatibility. Binary only Author: Achim Pankalla FF860

MirrorWars A new game featuring sound, title music, and two player mode. Fight your opponent via laser rays, but beware of the mirrors reflecting your shots. Binary. By Oliver Wagner FF235

Mischief This little program is in the long tradition of 'display hacks'. It uses the input.device to perform various acts of mischief. Includes source. Author: Olaf 'Olsen' Barthel FF222

MiscUtils Some small sound and screen hacks. Includes source in C. Author: Jorrit Tyberghein FF302

Missile A nice 'missile defense' game. Written 100% in assembler (source available from author) and is very fast! Author: Glen Merriman FF50, AM16

MissileCmd A fast Missile Command game written in assembly. Features include using a hires interlaced screen, time based events for correct operation on any speed Amiga, multitasking friendly, and sound effects. This is version 2, an update to the version on disk 444, with bug fixes and enhancements. Binary only. Author: Max Bithead FF473, FF444

MkBmap Builds Amiga format bitmapped fonts from PostScript fonts. Uses the library 'post.library' (disk 468) to render the characters. Best results are obtained with fully hinted type 1 fonts, such as those supplied by Adobe and other vendors. Version 1.0, includes source. Author: Adrian Aylward FF489

Mkid A program identifier database package that provides a logical extension to 'ctags'. The ID facility stores the locations for all uses of identifers, preprocessor names, and numbers (in decimal, octal, or hex). Includes source. Author: Greg McGary, Amiga port by Randell Jesup FF448

Mklib Another example of building a shared library that evolved from 'Elib' FF87. Also included is a library, Edlib, which contains several functions not included in the Manx standard libraries. Includes source. By Edwin Hoogerbeets with C-functions from several different authors FF183

mkmake A make file generator, originally written for Turbo-C and MS- DOS, and now ported to the Amiga by the author. Version 0.3, includes source. Author: Martin Hohl FF671

MKSLens This program magnifies a small area surrounding the pointer and displays it in a separate window. The magnification factor is adjustable from 1 to 16. Works in all supported display modes except for HAM. Binary only. Author: Michael Sinz FF574

Mlist Mailing list database. AM25

MM Implementation of the game Mastermind. You must try to guess a color combination which the amiga sets via a random generator. There are 6 colors which can be set in any combination. With source. By Dietmar Jansen FF327

MMB With MMB, users of 3 button mice under WB 2.0 can use the middle mouse button as a shift key to do multiple selects. Binary only. Author: Garry Glendown FF436

MMBShift A program that lets you use the middle mouse-button (MMB) (on a three-button mouse) as a SHIFT-key when selecting multiple icons on the Workbench. Only uses 166 bytes of memory. Version 1.0, includes source in assembly. Author: Preben Nielsen FF547

MMU Text file describing the structure of the A3000 MMU translation table and a simple assembler program to read MMU registers. Author: Laurence Vanhelsuwé FF626

ModemPins Text description of the serial port pinout. AM1

ModHPLJD A Rexx program that creates a modified version of the HP_Laser Jet driver. The modification changes the 'initialize' string so that the font chosen from the printer menu (rather than 12pt Courier) can be used and the number of lines per inch can be specified. Version 1.01. Author: Michael Tanzer FF792

Modula-2 A pre-release version of the single pass Modula-2 compiler originally developed for MacIntosh at ETHZ. This code was transmitted to the Amiga and is executed on the Amiga using a special loader. FF24

Modula-2 Trails a moving-worm graphics demo in Modula-2. AM11

ModulaDefs Implementation and Definition modules for the Amiga's Graphics, Intuition, and Math libraries, to be used with the Modula 2 compiler from disk 24. Includes a source example of using the modules. Binary only for the rest of the distribution. Author: Jonas Green FF418

ModulaTools Various useful routines for those programming in Modula on the Amiga. Update to version on FF 94, includes source. Author: Jerry Mack FF138, FF94

MoG A demonstration version of a commercial molecular graphics program. Stick representations of molecules may be rotated translated and scaled on screen and changes may be made to structures. 'Space filling' pictures may also be generated using quick preview shading or ray-tracing. The demonstra- tion version allows only one of two structures to be dis- played and does not allow space filling though some sample space-filled structures are included. Version 1.03D binary only. Author: SciTech Software FF599

moire Draws moire patterns in black and white in a borderless backdrop window. Currently only runs with Lattice C version 3.02, when compiled with 3.03 crashes the system. Author: Scott Ballantyne FF9, AM1

Molec3D An interactive 3D solid modelling program for molecules. Produces a graphic, three dimensional representation of molecules, based on 3D coordinates data from geometry optimization programs, X-ray measurements, or any other source. Can handle up to 500 atoms at a time. Requires 1Mb or more of memory. Version 1.022, binary only. Author: Stefan Abrecht FF482

MoleWt MoleWt is a molecular weight calculator. The program accepts a chemical formula and returns the molecular weight. This is version 1.01, binary only. Author: John Kennan FF471

Mon A machine code monitor/debugger program for the Amiga which is re-entrant and can be made resident. This is version 1.24, binary only. Author: Timo Rossi FF310

Money Try to grab all the bags of money that you can. AM15

MonIDCMP MonIDCMP lets you monitor the IntuiMessages that pass through an IDCMP window. It prints the message class, mouse coordinates, qualifier values, and other useful information when appropriate. Great for debugging applications and for snooping around in the inner workings of other programs. Includes source. Author: Davide Cervone FF108

MonIDle A cute little screen hack. Be sure to turn up the sound. Binary only, source available from author. Author: David Donley FF408

MonkeyDemo Demo version of the LucasFilm game 'The Secret of Monkey Island'. Installable on a hard disk and multitasks as well. Binary only. Author: LucasFilms FF529

Monolace CLI program resets Preferences to several colors of monochrome & interlace screens. C source is included, works with DisplayPref, a CLI program which displays the current Preferences settings. AM24

Monopoly A simulation of the Parker Brother's board game MONOPOLY. Binary only, source available from author. Author: Ed Musgrove FF251, FF15

Monopoly Demo version of a Monopoly game written in C. Version 1.0, shareware, binary only. Author: Ken Gilmer FF814

MonopolySrc Source to the immensely popular Monopoly game distributed in binary form on disk 251. Author: Ed Musgrove FF591

MonProc An enhanced version of the process packet monitoring program from FF69. Includes source. Author: Phillip Lindsay, enhancements by Davide Cervone FF79, FF69

Moonbase You must guide a lunar lander to ferry cargo from an orbiting space station to bases on the surface of the moon. You get cargo and fuel for the lander by docking with the space station. The goal is to complete all the assigned cargo deliveries, and to destroy as few landers as possible in doing so. Binary only. Author: Jim Barber FF312

Moontool A port of John Walker's moontool program for UNIX. It gives a variety of statistics about the moon, including phase, distance, angular, size and time to next full moon. A schematic of the current phase is also shown as a picture. This is illustrative only; the accurate phase is shown in the text. Version 1.0, binary only. Author: John Walker, Amiga port by Eric G. Suchanek FF800

Moose Random background program, a small window opens with a moose resembling Bullwinkle saying witty phrases user definable. AM24

More Ports For Your Amiga: Files to accompany article. Author: Jeff Lavin AC13

More Requestors: Using system calls in AmigaBASIC to build requestors. Author: John Wiederhirn AC6

MoreArt A small selection of some additional Amiga artwork submitted to me since the last 'art' disk. Authors: Dana Dominiak and Larry Zasitko FF106

MoreColors A way to get more colors on the screen at once using aliasing. ABasiC program AM1

MoreIsBetter These two hacks make MORE more useful. One is called V; it's a small 'pure' CLI command that acts as a front end for More, causing it to create its own window. Make V and More both resident! The other is Fenestrate, which surgically alters the CON: window spec inside More enabling it to use ConMan features to create a borderless window on the topmost screen (very useful with CLImax) etc. With source. By Paul Kienitz FF224

MoreRows A program to make the workbench screen larger than normal. The number of additional rows and columns are set via command line arguments. By Neil Katinand Jim Mackraz FF54

Moria A single player dungeon simulation. The object of the game is to defeat the Balrog, which lurks in the deepest levels of the dungeon. You begin at the town level above the dungeon, where you may acquire supplies, weapons, armor, and magical devices by bartering with various shop owners, before descending into the dungeon to do battle.

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Last Minute Additions

Amiga enhancements include pull down menus, graphics mode, pickup mode, a continuous move mode, a real time mode, a message wait time mode, as well as other modifications to improve overall playability and to take advantage of the unique features of the Amiga. V3.0, binary only, requires at least 1Mb of memory. Author: Robert Alan Koeneke and others. Amiga version by Richard Henderson & others. FF194

Morri Morri in LoRes FF72

MortCalc Yet another loan calculator, but this one was written with accuracy in mind. The monthly payments times the number of months should balance the total principal plus interest, to the cent. Version 2.5, freeware, source included. Author: Michel Laliberte FF385

Mosaic Mosaic is a game played with a set of 81 two-by-two tiles on a 24-by-24 playing area. The objective of the game is to place your tiles such that squares of the same pattern are connected as much as possible. Version 1.0, includes source. Author: Kirk Johnson and Loren J. Rittle FF466

Most: Text file reader that will display one or more files. The program will automatically format the text for you. Author: Russell Wallace AC5

MostCurrent Two programs that are to be used with B. Lennart Olsson's Aquarium program. The first program creates a new button called Most Current. The second program updates the index file so that the Most Current button is set for all entries that are the most current versions of their set. Version 1.0, includes source in C. Author: Peter A. Phelps FF417

Mostra A shareware IFF utility featuring real-time unpacking scroll, dozens of options, 'smart' analysis of any IFF file (FORMs, LISTs,... also nested ILBM), total control over display modes, simple slideshow processing, pattern matching, multipalette, double buffering, fast decompression, color cycling, TeXdocs, startup files for easy custom configurations and complete WB support. Version 1.08, binary only. Author: Sebastiano Vigna FF753, FF677, FF670, FF476, FF330

mostriper One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Mount Mandelbrot A 3D view of a Mandelbrot set. AM12

Mounted A little program to run from CLI scripts to find out if a disk is mounted or not. Includes source. By Peter DaSilva FF79

MountShare Allows you to reuse the loaded code from one device for other devices that are applicable. Using MountShare, you specify a master device whose handler will be reused by other devices. Author: Olaf 'Rhialto' Seibert FF650

Mouse Gadgets: Faster BASIC mouse input. Author: Michael Fahrion AC9

mouse One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

mouse pointers Amicus 26 contains a group of mouse pointers and the Workbench program to display them. AM26

mouse Shows how to set up the gameport device as a mouse so that hooking up the mouse to the right port gives access to mouse information. Author: Rob Peck FF5

MouseAccel Yet another mouse accelerator, this one implemented as a commodity. If you find the built-in accelerator too slow, try this one. Requires at least AmigaOS 2.04. Version 1.07, an update to version 1.01 on disk 497. Includes german version and source in C. Author: Stefan Sticht FF864, FF497

MouseAideDEMO DEMO version of a 'Mouse' utility which has all the standard functions: Mouse Acceleration with threshhold, window and screen manipulation by mouse and keyboard, mouse and screen blanking, SUN (auto-activation) mouse, user definable 'hot key' command, Keyboard 'String' macros, etc... But also has functions other 'Mouse' programs do NOT, such as: ShellCycling, Key Clicking, KeyClosing, Multi-Icon-Select with Mouse, Middle Mouse Button Windowing, EZ-Date generation, Mouse Port switching, Workbench to the front function, EzDragging, Freezing Mouse & Keyboard of all input, etc... Now features an easy to use Pop-Up 2.xx style intuition interface and the ability to function correctly in all the new screen modes! Written in assembly for efficiency in size and CPU usage. Version v9.69a, an update to version v7.12a on disk 788, Binary only. Author: Thomas J. Czamecki FF892, FF788, FF711, FF646, FF637, FF567

MouseBlanker Blanks the mouse pointer after a defined timeout or if you press any key. Implemented as a commodity. Requires at least AmigaOS 2.04. Version 1.21, an update to version 1.13 on disk 497. Includes german version and source in C. Author: Stefan Sticht FF868, FF497

MouseBounce A short hack/game that makes your mouse pointer bounce around the screen. The object is to close the MouseBounce window and exit the game. Each time you click the mouse button, the pointer speeds up. With source. by Jonathan Potter FF204

MouseClock A clock and free memory display utility that generates a small display tied to your mouse, using two hardware sprites as the display area. Version 1.2, includes source. Author: Olaf Barthel FF279, FF69

MouseCoords A small assembly utility which shows you the current position of the mouse pointer. Can be 'jumped' to operate on any screen. With source in assembly. By Jonathan Potter FF287

MouseMagic A little gag-program. Can be stopped by closing its window. Includes source in Modula II. Author: Robert Brandner FF549

MouseOff Enhanced and smaller version of MouseOff released on FF73. MouseOff will cause the mouse pointer to disappear and then reappear if mouse movement is detected. Includes source. Author: Denny Jenkins, reworked by Tom Smythe FF75, FF73

MouseReader Shareware program, submitted by the author, to read text files and view IFF files using only the mouse. Binary only. Author: William Betz FF97

mousetrack A mouse tracking example in hires mode in AmigaBASIC. AM11

MouseUtil Intuition based program to allow you to change your mouse speed without having to go through preferences. V1.1, includes assembly source. By Luciano Bertato FF184

MouseXY A small utility that shows the mouse coordinates and the color at that position. It can be moved from screen to screen (automatically evacuates any closing screen). Is able to show coordinates even when you are moving/resizing windows or moving Workbench icons. This is version 1.1, an update to version 1.0 on disk 483. Includes source in assembler. Author: Preben Nielsen FF543, FF483

mousport.c Test mouse port. C program. AM4

Move A compact, fast CLI move command that allows the moving of files over multiple devices. It will perform a 'true' move (a la rename) when files are being moved around on the same device, making it very fast, while still being able to perform moves over multiple devices. Move will also allow you to move file links, and supports all standard 2.x wildcards. Version 2.2a, requires kickstart 2.04 or higher, binary only. Author: Asher Feldman FF906

MovePointer Moves the pointer to any specified location on the screen, specified by X-Y coordinates. With source. By 'Cewy' FF87

MoveSYS Reassigns SYS:, C:, S:, L:, LIBS:, DEVS:, and FONTS: to a new disk or directory in one step. Can be used from CLI or Workbench; just click it and shift-double-click a disk or drawer icon. More flexible and robust than some other programs written for the same purpose. It's small and pure. Second release (the one on disk 224 worked from CLI only). Includes source. Author: Paul Kienitz. FF429

MoveWindow Move a named window to any arbitrary X-Y coordinate and possibly resize it at the same time. Includes source. Author: 'Cewy' FF87

MovieGuys.pic A still from an old movie in an IFF picture. AM6

Movies A RAM animation system with three different example animations; Kahnankas, Rocker, and F-15. Kahnankas won a close second in the Badge Killer Demo Contest. Both Kahnankas and Rocker run on a 512K Amiga and show off overscan HAM mode. Includes a animation player program (movie), animation builder programs (dilbm, pilbm), and a text/graphics display program (vilbm). Authors: Eric Graham and Ken Offer FF116

MP A small, useful utility for sending any MIDI data back and forth between an Amiga and a MIDI instrument. Helpful for learning about MIDI, writing/debugging MIDI software, figuring out your instrument's system-exclusive implementa- tion, and more. Very versatile. Version 1.0, includes source. Author: Daniel J. Barrett FF478

MPE A compiler tool for users of the M2amiga programming environment. MPE does the same job better than your batch file. You can do everything with the mouse or the right amiga key. With this Modula-2 Programming Environment you can compile, link, and run your program. When there is an error, the editor is started automatically. You can set all switches for M2C, M2L M2Make, M2Project, and M2LibLink. This is version 1.60, an update to version 1.38 on disk 766. Binary only. Author: Marcel Timmermans FF863, FF766, FF732, FF703, FF671

MRARPFile Extended ARP file support package that adds an orthogonal set of routines which support generalized I/O with resource tracking while using the ARP library. Includes source. Author: Mark Rinfret FF281

MRBackUp A hard disk backup utility that does a file by file copy to standard AmigaDOS floppy disks. Includes an intuition interface and file compression. Version 5.02a, an update to version 3.4 on disk 327. Shareware, binary only. Author: Mark Rinfret FF465, FF327, FF279, FF270, FF170, FF129, FF128

MrED An ANSI graphics editor that allows loading and editing of ANSI color files commonly used in BBS programs. Features block moves a line drawing mode colorize functions full ANSI sequence support and more. Version 1.20 binary only. Author: Robert V. Fahey FF632

MRIconSort MRIconSort is a nifty little tool which will alphabetically sort and align your icons and optionally create icons for files and drawers which don't have them. If you have drawers with tons of icons which are a hopeless jumble, this program is for you! Version 1.01, binary only. Author: Mark R. Rinfret FF873

MRMan A package which contains an Amiga document reading system similar to the 'man' command on UNIX systems. It offers a high degree of flexibility in the naming and placement of document files on your system. This is version 1.0 and includes source. Author: Mark Rinfret FF281

MRPrint A detabbing print utility that sends text files to either the printer device or the standard output. Besides expanding tabs, it will also generate page headers, line numbers, and new margins. Version 3.4, includes source. By: Mark Rinfret FF279, FF167

ms2smus converts Music Studio files to IFF standard 'SMUS' format. AM16

MSCalendar A little calendar utility and a MClk-like MemoryClock in one program. It works fine with KickStart 2.0. Includes both English and German versions. This is version 1.10 includes source. Author: Markus Stipp FF564

MSClock A clock utility, which displays memory, date, time and online time (if connected to another computer via modem) in the titlebar of the WorkBench screen. This is version 1.3, includes source. Author: Martin Steppler FF484

MSDOS A program to list files written in standard MS-DOS or Atari ST format. The files can then be copied to RAM and rewritten to disk in Amiga-DOS format. Binary only, Shareware, Version 0.1. Author: Frank WIbbeling FF158

Msh An Amiga file system handler that handles MS-DOS formatted diskettes. Version '1.30' (Release 1 patch 3). You can use files on such disks in almost exactly the same way as you use files on native AmigaDOS disks. This is a fully functional, read/write version, that supports 8, 9, or 10 sector disks of 80 tracks, and should also work on 40 track drives and hard disks with 12 or 16 bit FAT of any dimension the FAT allows. Update to version '1.5' (Release 1) on disk 327. Includes source. Author: Olaf Seibert FF382, FF327

MSizer A program that allows you to resize a window from any corner when holding down the left mouse button and the left Amiga key. Includes source. Author: Khaled Mardam-Bey FF285

MT420d Printer driver for the Mannesmann Tally MT420d. Update to the old version on disk 164. Includes a few bug-fixes. Author: Sascha Wildner FF436

MToolLibrary A shared library for the Amiga. Some math functions and a bit of Intuition support. This is V2.20 an update to tool.library V2.06 on disk 376. A special FPU version is included. Freeware binary only. Author: Ruediger Dreier FF573

MTV The Dire Straits moving company in an IFF picture. AM6

MuchMore Another program like 'more', 'less', 'pg', etc. This one uses its own screen to show the text using a slow scroll. Includes built-in help, commands to search for text, and commands to print the text. Supports 4 color text in bold, italic, underlined, or inverse fonts. Can load xpk-crunched files, has a display mode requester and is now localized (german catalog included). Version 3.3, an update to version 3.0 on disk number 560. Includes source in Oberon-2. Author: Fridtjof Siebert, Christian Stiens FF895, FF560, FF378, FF253, FF234

MuchMorePoPa Extended version of MuchMore V2.7. Displays texts that have been packed with PowerPacker. Version 2.7, includes source in Oberon and assembly code. Author: Fridtjof Siebert FF378

mult Mult reads the input comparing adjacent lines. In the normal case, the second and succeeding copies of repeated lines are output, and the remainder of the lines are removed. Repeated lines must be adjacent in order to be found. Options are present to output the first of multiple lines, for comparing adjacent lines by field only, and for specifying the field separator character. Kind of the opposite of the UNIX 'uniq' program. Author: Dennis FF6

Multi-Forth: Implementing the ARP library from Forth. Author: Lonnie A. Watson AC6

MultiBox Request utility which can be used in scripts. Unlike other tools (QuickRequest, Request, etc) it uses checkbox gadgets. Includes source in C. Author: Michael Watzl FF686

Multic Formats a single column of input into multiple side by side columns. Includes source. Author: Joel Swank FF304

MultiCalc Yet another RPN type graphic calculator. This one generates answers with extreme precision (if 3000 digits is enough!) Features a 48-digit scrollable display, mouse driven with lots of keyboard shortcuts, and iconification during non-use. Binary only. Author: Kenneth Johnson FF166

MultiClock A flexible titlebar clock commodity with many extra features such as chime with builtin or digitized sounds, alarm which allows launching an Arexx or Batch file, and both digitised and narrator speech to say the time. Requires AmigaDos 2.04 or greater. Version 1.17, binary only. Author: Hugh Leslie FF740

MultIdef A program to scan a collection of object and library files and identify multiply defined symbols. This is useful to locate subtle problems where user defined symbols override library symbols. Author: Paul Jatkowski FF49

MultiDim Lets you rotate a 2 to 6 dimensional 'cube' on the screen using the joystick. Author: Robert French FF18

MultiInstall A script driven program for the installation of larger program packages. Executes CLI like script files in a simple language. Version 1.0, includes source. Author: Stefan G. Boldorf FF548

MultiPlayer Music player program which plays Soundtracker/Noisetracker modules MED modules and over 15 other types. It contains a simple control panel and allows creating 'programs' to play a list of modules in sequence or in random order. Works well with 1.3 and 2.0. Supports Workbench 2.0's 'AppWindow' feature - just drop modules into the MultiPlayer window to play them. Plays modules at the correct speed regardless of video mode (NTSC or PAL). ARexx port and program load/save available in registered version. Version 1.17 shareware update to version 1.11a on disk 573. Binary only. Author: Bryan Ford FF621, FF573

Multiplot An intuitive data plotting program featuring flexible input options arbitrary text addition automatic scaling zoom and slide with clipping at boundaries a range of output file formats and publication quality printed output. Workbench printers are supported via transparent use of the PLT: device. Postscript and HP Laserjet printers are directly supported. This is version XLNe an update to version XLNd on disk 467. Includes bug fixes and many new features. Binary only. Authors: Alan Baxter Tim Mooney Rich Champeaux Jim Miller FF572, FF467, FF373, FF333, FF292

MultiReq A FileRequester library, but it's not simply another file requester library, cause it's the first really multitasking file requester (as far as I know) and above this it also has a great number of other features, that make MultiReq

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superior to other file requesters. Written entirely in assembler to be small and fast. Version 1.20, binary only, shareware. Author: Andreas Krebs FF778

MultiSelect A small program that makes it possible to select several icons on the workbench without having to press the Shift key. V 1.0, with source in Modula-II. By Fridtjof Siebert FF253

MultiSort: Sorting and intertask communication in Modula-2. Author: Steve Faiwiszewski AC2

MultiTasking Tutorial and example program for multitasking at the Exec level Author: Leo L. Schwab FF20

Multitasking in Fortran: All the hard work is done here so you can multitask in Fortran. Author: Jim Locker AC6

MultiUser Allows you to create a Unix-like environment where several users live together in harmony, unable to delete each others files, unable to read those private love-letters of other users... And this even if several users are working on the machine at the same time (on a terminal hooked up to the serial port) Version 1.4, requires OS2.04+ and a hard drive, binary only. Author: Geert Uytterhoeven FF905

Multi_Player A music player that loads and plays a large variety of the 'tracker' type sound modules. With an intuition interface allows you to load formats like Intuitracker NoisePlayer Soundtracker FutureComposer and 7 others including power- packed modules! Includes many sample modules in several of these formats. This is version 1.5 an update to version 1.2 on disk 509. Binary only. Author: Thomas Landspurg FF600, FF509

MunchingSq Leo's 'Munching Squares' hack, now upgraded to take a single argument for a seed value. With source. By Leo Schwab FF87

Muncho A cute little program which plays a digitized sound sample when you insert or remove a disk from your drive. If you don't like the sounds, you can replace them with your own. Binary only. Author: Andrew Werth FF137

MungWall Munges memory and watches for illegal FreeMem's. Especially useful in combination with Enforcer. Output can go to either the serial or parallel port. Includes a new MungList program that examines used memory areas for MungWall tag info, and outputs a list of who owns the various pieces of allocated memory, their sizes, etc. Can even identify the owner of the memory by task name. This is version 37.58, an update to version 37.54 on disk 707. Binary only. Author: Commodore Amiga; submitted by Carolyn Scheppner FF800, FF707, FF699, FF659

Music A collection of 14 Classical pieces. AM23

Music Titler: Generates a titler display to accompany the audio on a VCR recording. Author Brian Zupke AC8

MusicCraft2SMUS Amiga Music Player AM23

MusicStudio2SMUS Amiga Music Player AM23

Mv A Unix style mv/cp/rm program that moves, copies, or removes files. Includes interactive mode, recursive mode, and force quiet mode. Copies file permissions, dates, and comments, supports arp style wildcards, supports moves across volumes, honors the delete bit. V 1.1,with source. By Edwin Hoogerbeets FF219

MVP-FORTH Mountain View Press Forth, Version 1.00.03A. A shareware version of forth from Fantasia Systems. Runable from the workbench, comes with icons and such. If you use this, please send a contribution to Fantasia Systems/Mountain View Press. FF9

MWB A program which will create a new 'WorkBench' screen and route by request OpenWindow calls meant for the WorkBench to these new screens. This allows you to run programs which normally open windows on the WorkBench screen to use a custom screen instead. V 1.01, with source. By Matt Dillon FF65

MWTape A tape handler which uses scsi.device to implement serial access to typical streaming tape devices. Includes source. Author: Markus Wandel FF445

MxExample Example of mutual exclusion gadget handling. Author: Davide Cervone FF31

MxGads Demonstrates how to make mutual exclusion of boolean gadgets work, even if they contain Gadget Text. Author: Willy Langeveld FF52

MXMLib An example Amiga shared library compiled with Aztec 'C' 5.0. This library contains basic support functions employed by programs such as KeyMacro or PrintHandler. In short: mxm.library is the standard MXM system support library. Version 34.14, includes source. Author: Olaf Barthel FF354

MXReq Creates a customizeable mutual exclude requester from a shell or AREXX script. The user can select one out of up to eight entries, each of them writes an own value to an environment variable. Including executable, sources, docs, examples and a small bonus tool. Version: 1.20 Author: Andre Weissflog FF806

My.lib A binary only copy of Matt's alternate run time library. Author: Matt Dillon FF46

MyCLI Another CLI for the AMIGA. By Mike Schwartz FF4, AM9

mydev.asm Sample device driver. Assembler file. AM5

mydev.i Sample device example AM5

mylib.asm Sample library example. Assembler file. AM5

mylib.i Sample library example AM5

MyMenu MyMenu allows you to add your own menus to the WorkBench menu strip, to run commonly used commands. MyMenu will allow you to execute both CLI and WorkBench programs, and is configured with a normal text file. Includes source. Author: Darin Johnson FF225

MyUpdate A disk update utility that also provides support for automatically stripping comments from C header files and for interactive verification on a per file basis. Author: JoeMueller FF49

Nag A shareware appointment calendar with it's own editor and a unique 'nagging' feature utilizing the Amiga's voice and audio devices. Version 1.6, binary only. By Richard Lee Stockton FF161

NameGame A game based on a popular type of word skill puzzle contest generally sponsored by newspapers. Binary only. Author: Mike Savin, Gladstone Productions FF256

Names A shareware program to create and manage mailing lists. Binary only. Author: Ernie Nelson FF122

NameThatMonster A commodity for use with Moria and similar games that use the slash key for identification. It allows you to identify a monster or object with a single press of the middle mouse button. Requires 2.04 or higher and a three button mouse. Includes source in F-Basic. Author: Douglas Nelson. FF832

Nart Another display hack from the master himself... Includes source. Author: Leo Schwab FF66

NarTest A little tool that lets you to play with the new features of V37 narrator.device. Also ideal for designing the speech for your own programs. Version 1.01, needs DOS2.04 (V37). Freeware, includes source in assembler. Author: Jan Hagqvist FF898

NBuff Rewrite of A.C.R. Martin's original DBuff double-buffer routines from an early library disk. No more memory leaks nor misuse of MrgCop()! The JACOsub video titler uses NBuff. NBuff allows any number of video buffers, not just two. A single #define makes it fast and Intuition-unfriendly (like DBuff) or friendly (which is a bit slower). Another #define controls whether NBuff will or will not use the Layers library for transparent, automatic buffer boundary clipping. Version 2.2, PD, C source + binary demo. Docs in NBuff.c. Author: Alex Matulich, Unicorn Research Corporation FF887

NCode A fast MC68000/10/20/30 conditional macro assembler for the Amiga. Supports both the old and the new Motorola syntax for operands and allows you to put standard parameters in an argument file. NCode can be used for any of the four CPU's and will check whether your code matches the specified target CPU. Version 1.2 binary only. Author: Edgar Visser FF600

NComm A communications program based on Comm version 1.34 by DJ James with lots of very nice enhancements. Works on any Amiga with 512K RAM or more ANSI/vt100 terminal emulation with 8 color text PAL NTSC and overscan support full support for all European languages baud rates up to 115200 baud support for lots of file transfer protocols including XPR library protocols script language scrollback buffer hot keys an ARexx interface macros clipboard support and more. This is version 2.0 an update to version 1.9 on disk 356. Shareware binary only. Author: DJ James Daniel Bloch Torkel Lodberg et al. FF621, FF356, FF246, FF230

NDebt Amusing, but saddening, this program opens a small window that displays a continuously updated tally of America's national debt, based on its historically phenomenal growth rate. Version 1.1, includes source. Author: Ron Charlton FF366

Ndir Library that implements the 4BSD UNIX directory access routines (opendir, closedir, readdir, etc). Includes source in C. Author: Mike Meyer FF92

NEC 8025A Printer driver for the NEC 8025A. AM9

Nemesis This demo is Mark's entry to the Badge Killer Demo Contest. It is quite small for what it does, and won fifth place in the contest. Binary only. Author: Mark Riley FF127, AM25

NetHack A screen oriented fantasy game where your goal is to grab as much treasure as you can, retrieve the Amulet of Yendor, and escape the Mazes of Menace alive. On the screen is a map of where you have been and what you have seen on the current dungeon level. As you explore more of the level, it appears on the screen in front of you. Nethack generates a new dungeon every time it is played, thus even veteran players will continue to find it entertaining and exciting. This is a 3 part distribution. Part 1 contains the binary portion of the distribution. Part 2 and part 3 contains the source portion of the distribution, and can be found on disk 823 and 824. This is version 3.1pl0, an update to version 3.0pl10 on disk 460. Includes source. Author: Various; see documentation FF822-824, FF460, FF189 & 190

NetHandler The Software Distillery's network file system handler (NET:), using Matt Dillon's DNET to mount one Amiga's devices on another Amiga. It also serves as an example file system written entirely in Lattice C. Version 1.0, includes source. Author: Software Distillery FF248

NetMount A tiny application that simplifies the ParNet mount procedure. You need ParNet (see dis 400) from The Software Distillery to use NetMount. Binary only. Author: Tobias Ferber FF863

NetWork Another program in the long tradition of 'screen hacks' for the Amiga. Won't spoil the surprise by saying what it does. V1.0, includes source in Modula-II. By Fridtjof Siebert FF234

NeuralNet Example of Neural Net programming converted to JForth. Demonstrates a programming technique that many say is the wave of the future for software. This is a simple demo that shows neural propagation. Standalone image with source code. Author: Robert E. La Quey, ported by Jack Woehr FF239

NeuralNets A neural network example using the generalized back-propagation delta rule for learning, specifically applied to the tabula rasa Little Red Riding Hood instance. Author: Josiah C. Hoskins FF160

Neuro A neural network simulator which is able to learn patterns (e.g. letters) and recognize them. The program handles Hopfield and Backpropagation networks. Some examples are included. Version 1.0 binary only. Author: Berthold Ruf and Ulrich Wisser FF581

NeuronalNets Binary programs for playing with Neuronal Nets using Hopfield & Hamming algorithms. By Uwe Schaefer FF326

NewBoot A new bootblock which optionally kills all fastmem, avoids NTSC-Amigas (PAL version only), opens the CLI-screen with the maximum size of 256 pixels (PAL version only), installs a fast TurboFonts routine which speeds up all _LVOText activities and changes the color during booting to show that no virus is on disk. All options can be skipped by pressing a mouse button. Version 1.1, includes source in assembly. Author: André Wichmann FF654

NewDate A replacement for the AmigaDOS 'Date' command. Besides the usual date options, NewDate enables date output in your own defined format. NewDate also supports English, German, French, Dutch, Italian, Spanish, Danish, Finnish and Polish datenames. Version 1.10, binary only, freeware. Author: Chris Vandierendonck FF859

NewDefTool A utility to change the default tool for project icons. Has a user defined configuration file for flexibility. Can change default tool according to old default tool or filenames. Supports the use of appicon so using NewDefTool is a simple matter of dragging and dropping icons. Requires AmigaDOS 2.0. This is version 1.01 public domain includes source. Author: Kjell Cederfeldt FF634

NewDemos Some new demos, including replacements for the standard 'lines' and 'boxes' demos, that use only a few percent of the CPU time, so it is reasonable to have lots of them running sim-ultaneously to demo multitasking. Binary By Steve Koren FF90

NewEx An assembly program to replace xicon, IconX and similar utilities. Unique in the fact that it uses a WorkBench Tool icon instead of a Project icon. This allows workbench startup of programs that could ordinarily only be started by the CLI. Version 1.1, includes assembly source. Author: Kjell Cederfeldt FF368

NewFonts Set of 28 new Amiga fonts. Author: Bill Fischer FF34

NewFonts Two new fonts; shalt18, an electronic circuit element font, and ibm5, a PC like font, different from that for Sidecar. Author: Peter Kittel FF71

NewIFF New IFF code modules and examples for use with the Release 2 iffparse.library. This code release is again 1.3 compatible (the 37.8 release was not). This code is intended to replace the 1985 EA IFF code modules, providing significant enhance- ments including support for arbitrary display modes and over- scan (2.0), clipboard load/save, centralized string handling (for ease of localization), and simplified subroutines for displaying, saving, and printing ILBMs. And the 8SVX reader now plays! This is version 37.10, an update to version 37.9 on disk 674. Author: Submitted by Carolyn Scheppner FF705, FF674

NewIFF Some new IFF material dealing with sampled voice and music IFF files Posted to usenet by Carolyn Scheppner FF44

NewList A very fast and powerful 'list' and 'ls' utility. It features fast algorithms custom print and date formatting 3 different types of recursion a hunt mode character filters a pager ansi ENV: support and tons of sorts and options. This is version 6.0 an update to version 5.0a on disk 513. New features include complete WB2.0 support and compatibility including full link handling and some bug fixes. Binary only. Author: Phil Dietz FF597, FF513, FF501,FF478, FF461

NewList The ultimate 'ls'. Fast, small, powerful, and fully configurable. Features include links, networking, Envoy, mufs, assign adds, datatypes, a pager, complete output formatting (date,header,etc), various recursions, and all the sorts and filters a person will ever need. Newlist runs in 10 major languages as well. Version 8, an update to version 6.0 on disk number 597, binary only, WB2.0+ required. Author: Phil Dietz FF888, FF597, FF513, FF501,FF478, FF461

NewLook A program that changes the system gadgets in all the screens and windows. Version 1.0, includes source in assembler. Author: Preben Nielsen FF396

NewMode A tool for changing the screenmode of any screen by manipulating the OpenScreen pointer. Includes new 'ModeNames' file for the screenmodes (like HAM...). Requires OS2.0. Version 1.1. Binary only. Author: Andreas Linnemann FF798

NewPackets Tutorial downloaded from BIX C-A support section, which describes some new packets and structures in 1.2 AmigaDOS. Author: Carolyn Scheppner FF65

NewPop An upgrade to the original 'POPCLI' by John Toebes. Features include a hotkey CLI (of course!), instant or timed screen blanking, a discreet informative backdrop window in the titlebar region of the WorkBench screen that gives the date, a rough indication of CPU usage and SCSI disk I/O and available memory. Also includes a runtime configuration file. Version 4.0, includes source. Author: Loren J. Rittle FF773

NewPos A tool to resize and move the active shell window directly or from scripts. Freeware, includes source in assembly. Author: Michael Watzl FF686

NewPrint A program for formatting textfiles so that they will print out as you like them to not on the perforation or on the platen. Adjustable top bottom left and right margins. Optional pagenumbers header and footer info. This is version 2.1 shareware binary only. Author: Kjell Cederfeldt FF634

Newscaster.pic A TV newcaster in an IFF picture. AM6

NewShellCX An 'open shell on hotkey' commodity (like PopCLI). Requires AmigaOS 2.0. This is version 1.05. Includes german version and source in C. Author: Stefan Sticht FF497

NewStartups A couple of new Cstartup modules. AStartup.asm is the source to AStartup.obj, with 1.2 fixes and better quote handling. TWStartup.asm is like AStartup.asm but opens a studio window, using a user supplied window specification, when executed from workbench. Author: Commodore, posted to BIX by Carolyn Scheppner FF55

NewStat Replacement program for the Amiga DOS STATUS

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Freely Redistributable Software

command. Prints task number, priority, address of process, command line being executed, current directory, etc. Author: James Synge FF38

Newton Uses the 'Newtons Method' algorithm to estimate both real and imaginary roots of a polynomial of degree 20 or less. Version 1.0, includes source. Author: Daniel Barrett FF164

NewZAP A third-generation multi-purpose file sector editing utility from the author of FileZAP. Displays and edits full 512-byte sectors via a 106 character wide internal font. Includes a search feature to find specific strings or hex digits forwards or backwards. User-customizable with new printing feature added. This is version 3.3 an update to version 3.18 on disk 164. Now DOS 2.0 compatible. Binary only. Author: Dallas J. Hodgson FF574, FF164, FF58

NFD Newest File Date. Searches the specified directory for the newest file, then returns that filename and path as an ARP global variable. For people without ARP, it allows you to execute a command line, specified as a parameter, with the file name and path inserted at a specified point. Sample usage would to be have a word processor automatically load the last file worked on when it was invoked. Includes source in Pascal Author: Jonathan Maxwell FF744

NGC Yet another virus check program. Checks the bootblock on all inserted floppy disks and reports nonstandard ones. Checks the jump tables of all resident libraries and devices and reports suspicious entries. Version 1, includes source in assembly. Author: Ulf Nordquist FF238

NGTC Release Two, Revision 1, of a trivia game based on 'Star Trek: The Next Generation' TV series. This is a bug fix containing a new game module. You also need Release Two from disks 506 and 507, and Release One from disks 404 and 405. Created with The Director Version 2. Binary only. Author: Gregory Epley (ALL DISKS REQUIRED) FF538, FF506&507, FF404&405

NiceMove Some different examples in C of MOUSEMOVE event handling during high CPU or DMA usage. Version 1.00, first release. Includes source and a sample program. Author: Thies Wellpott FF771

NickPrefs An enhancement to IPrefs that manages three new preferences, WBPicture allows you to display any IFF picture in the main Workbench window, supplanting the original (and boring ;-)) WBPattern. BusyPointer lets you edit the clock pointer used by programs when they are busy. You may create an animated pointer. Floppy provides the ability to mess with the public fields of trackdisk, that is, the TDPF_NOCLICK flag, step delay and the like. Requires OS2.0, binary only. Author: Nicola Salmoria FF780

NiftyTerm NiftyTerm is an h19/VT102/VT52 emulator for the Amiga. It was originally designed to be used with DNet, but it has been expanded so that it may be used as a normal terminal emulator. Niftyterm was designed to be a good emulation of these terminals, as well as being fairly small and fast. Version 1.2, an update to version 1.0 on disk 403. Binary only, source available from authors. Author: Christopher Newman, Todd Williamson FF485, FF403

NightMare A handy little program that uses 'shock' techniques to scare people. Fun to watch while someone else is using your computer. Version 1.0, binary only, source available from author. Author: Patrick Evans FF448

NInfo A disassembler for memory, boot blocks, objects, libraries, and executables. Version 2.0, includes source. Author: Tony Preston FF662

NLCalc A calculator program that uses the NL 3D look (see NLDaemon on this disk). It will open on any screen at the touch of a function key. Version 3.1.2, includes source. Author: Davide Cervone FF497

NLDaemon Implements a 'New Look' in Amiga programs, by using 3D-like gadgets. Converts standard intuition window gadgets into 3D versions. Version 1.4.3, includes source. Author: Davide Cervone FF497

NoArgs The Arguments Utility. Never again get weak-minded by typing those long Command lines including hundreds of Arguments/Parameters. With NoArgs you can create a new executable command that calls the original command and automatically passes it the arguments you specified, without having to execute any Batch/Scriptfiles. Requires Amiga OS2.0, version 1.00, binary only, shareware. Author: Michael Bialas FF763

NoCare This utility speeds up your windowing environment. The OpenWindow vector is patched. When someone tries to open a window in the workbench screen, the lower refreshbit in the nw_Flags field is cleared. This way, only NOCAREREFRESH windows will be opened, resulting in faster window movements. Windows opened in customscreens are not affected. This is version 1.5. Assembly source included. Author: Raymond Hoving FF480

NoChange Saves some important system vectors at the start of execution and periodically checks them to see if they've changed. A universal virus finder. Runs from both WorkBench and CLI. Includes source in C. Author: Kamran Karimi FF758

NoClick A program to stop drives clicking in KickStart V2.0. Uses the correct method. Also included is a patch for the kickstart files for a permanent no-click for V1.3 and V2.0, both A3000 version and kickfile version for other Amigas. Binary only and ASCII patch. Author: Nic Wilson FF501

NoClick A program which silences the clicking of empty drives on the B2000 under AmigaDOS 1.3. It should also work on an A500. This is version 3.6, an update to version to version 3.5 on disk 243. Includes assembly source code. Author: Norman Iscove FF246, FF243, FF241, FF231

NoDelete This program pops up a requestor to alert you of a file de- letion being attempted via DeleteFile() and allows you to accept or cancel it. This also pertains to any files you attempt to delete via 'delete'. Version 2.01, an update to version 1.5a on disk 477. Includes source. Author: Uwe Schuerkamp FF657, FF477

NoErrors A simple to use, Gadget driven program. Its main function is to hide physical hard errors from floppy disks or hard disks, so these disks can then be used without DOS showing read/write errors. Binary only. Author: Nic Wilson FF501

NoFragLib A library containing 6 routines for defragmenting memory. This is version 2.2, an update to the version on disk 503. Includes source. Author: Jan van den Baard FF658, FF503

NoIconPos This program clears the position info of any of your icons to allow WorkBench to pick a reasonable place for the icon again. Useful for disk and drawer icons where Snapshot rewrites the icon and the window information. Written in Modula-2, another demo for M2Amiga, showing the simplicity of programming with this Modula-2 compiler. By Markus. Schaub FF113

NoIsome A commodity that allows you to play sound samples when a key or mousebutton is pressed, or a disk is inserted or removed You can have different samples for the space and return keys as opposed to other keys, special samples for the mousekeys, a sample to be played instead of the visual display-'beep' and more... The samples are played in mono or stereo, and two can be played simultaneously. The audio allocation priority can also be set. Includes several sound samples. Version 1.0, binary only. Author: David Larsson FF863

NonClick A program to stop floppy drive clicking. Features an intu- ition user interface that allows you to turn clicking on and off on every drive individually. Requires AmigaDOS 2.0. This is version 1.06 public domain includes source. Author: Kjell Cederfeldt FF634

NoReq A very short program that alternately turns on and off the DOS requesters. Useful for bulletin boards or other systems that may be unattended for long periods of time. Includes source in assembly. Author: Jonathan Potter FF412

NorthC A freely redistributable programming package containing all the programs required for developing in C. Based on the Sozobon Ltd C compiler, Charlie Gibb's assembler, the Software Distillery's linker, and portions from other sources. Steve has pulled everything together and added some enhancements in the process. This is version 1.2, an update to version 1.1 on disk 353. Changes include extra examples, many bug fixes, further documentation and some improvements. The environment is supplied compressed and unpacks to two disks. Partial source is included. Author: Steve Hawtin, Charlie Gibbs, Sozobon Ltd, The Software Distilary and many others. FF384, FF353, FF340

NoSmoking Sample program showing the use of a recoverable alert while displaying a personal health message. Includes source. Author: Theo Kermanidis FF155

NotBoingAgain Dr. Gandalf's entry for the First Annual Badge Killer Demo Contest. It is an interlaced HAM animation with nicely integrated sound effects. It is a great visual pun on the original Boing demo, but to say anymore would ruin the effect. Binary only, requires 1 Mb of memory. By Dr. Gandalf (Eric J. Fleischer, MD) FF200

NoteEdit NoteEdit is a utility to write and save crypted notes. The ability of an automatic diary is included as well. Version 1.0, freeware, includes source. Author: Benjamin (Pink) Stegemann FF814

Notify A suite of Rexx programs that can be used to issue messages or run commands automatically on certain days and/or at certain times of day. Facilities are provided for the adding, editing and deleting of messages, and for displaying the times and texts of pending messages. A chime program is included to enable the time to be announced at regular intervals. This is version 1.02, an update to version 1.01 on disk 603. Author: Michael Tanzer FF652, FF603

Nova A puzzle where the object is to push boxes to designated locations. Uses HAM mode and is written in JForth. Relative difficulty for this puzzle is advanced, and it will take over two hours for most people to find the solution. This is version 2.0, binary only. Author: David M Cole FF647

NoVirus Another Anti-Virus utility. This one features known and new virus detection, view boot block, save and restore bootblocks, several 'Install' options and more. Written in assembly. This is version 3.31, an update to version 1.56 on disk 180, and is a limited demo of the commercial version. Binary only. Author: Nic Wilson FF421, FF180

NPD A little utility to convert NoisePacker 2.xx modules to ProTracker format. Works on 1.3/2.0/3.0. Version 2.40, binary only. Author: Nils Corneliusen FF788

Nro Another roff style text formatter. This is version 1.5, an update to the version released on disk 79. New features include generation of ANSI/ISO codes for bold, italics, and underline, more than one formatting command on a line, longer macro names, and many more formatting commands. Includes source. Author: Unknown, posted to usenet by Alan Vymetalik Many enhancements by Olaf Seibert FF197, FF79

NTSC&PAL Two small command line utilities to switch back and forth between NTSC and PAL display modes. Should work on any machine with a 'Fatter Agnus' or better. Binary only. Author: Paul O'Flynn FF788

NTSC-PAL Two programs that give A500/A2000 owners with the new ECS 1Mb Agnus installed the ability to boot into either a NTSC or PAL environment. *Very* useful for both NTSC and PAL owners alike. Version 1.1, includes assembly source. Author: Nico François FF387, FF331

NuHand An animation of a hand with fingernails scrapeing on a desktop, including sound effects. An entry in the 1988 Badge Killer Demo Contest. Binary. By Bryan Carey Gallivan FF210

Null A new dos device that behaves like 'NIL:' but unlike 'NIL:', it is a real handler. It is useful in lots of situations where 'NIL:' cannot be used. V 0.0, with source. By Gunnar Nordmark FF188

NullModem A software device that imitates two modems and a phone line, on one machine. I wrote it whilst looking at the WPL scripting language, so that I could play around without having to spend any money on expensive phone calls, but it can be used for testing various other programs. Version 2.0, binary only. Author: Iain Hibbert FF905

NumbersUp A simple little game where numbers fly into the playing area from both sides of the screen. When you click the mouse but- ton they fly to the top of the screen and stick there. The score is determined by what numbers the current number lands near and the game ends when the same numbers end up adjacent to each other. Version 1.2 includes source. Author: Jason Lowe FF592

OakLisp A straight port of the OAKLISP system to the Amiga. OAKLISP is a Scheme-like LISP with an object-oriented base. An R3RS Scheme environment is included in the package. Because of its size, the distribution is made on two disks, 519 and 520. Both disks are required. Source is included. Author: Kevin Lang, Barak Pearlmutter, ported by Mike Meyer FF519 &FF520

Oberon This is a freely distributable demo version of a powerful compiler for Oberon-2. Oberon-2 is one of the most modern object-oriented languages. This language was designed with the aim to increase the power of Modula-II and to extend it with object-oriented facilities while reducing its complexity. This implementation features a parallel incremental garbagecollector, a runtime source-level debugger, fast compilation, optimized code, language extensions to access AmigaOS, etc. Version 3.0, an update to version 1.16 on disk 380. Binary only. Author: Fridtjof Siebert FF880, FF380

objfix Makes Lattice C object file symbols visible to Wack, C program. In C source code and executable. AM1

Observer Working example for a Lattice LSR-program. Opens a small window and displays volume names of all inserted disks (DF0: through DF3:). Includes source in Lattice C. Author: Oliver Wagner FF378

Obsess Obsess-O-Matic is a real-time puzzle game like Tetrix where the object is to fit the falling pieces together to form complete horizontal rows. Features such as burning, exploding, and invisible pieces enhance game play. Other features such as a puzzle piece editor are included in the version available directly from the author. This is version 1.0, shareware, binary only. Author: Wayne Phillips FF305

OctaMED A music editor which was originally designed for making music for programs (demos, games, etc), but works well as a standalone music program as well. OctaMED is the 8-channel version of MED. This is a freely distributable release of the fully functional commercial version 2.0. Versions later than 2.0 remain commercial and are *not* freely redistributable at this time. Previous releases were version 1.00b on disk 579 and a demo of version 4.0 on disk 755. Binary only. Author: Teijo Kinnunen and Ray Burt-Frost FF840, FF755, FF579

OctaMEDDemo Player program and sample songs for OctaMED, a special version of MED that can play 8 tracks at once on a standard Amiga without extra hardware. The sound quality is not as high as with 4-channel sound but is good enough for many purposes. Binary only. Author: Amiganuts United FF533

OctaMEDPlayer Standalone player program for playing songs made with OctaMED. Can load sng+samples-format and MMD0/MMD1-modules made with MED V2.10 or later, or any version of OctaMED. Can play standard four channel Amiga songs, MIDI songs, 5 to 8 channel OctaMED songs, and multi-modules. Has a nice 2.0 look and works fine under 2.0 as well as 1.3. Version 4.04, an update to version 3.00 on disk 688. Binary only. Author: Teijo Kinnunen and AMIGANUTS UNITED FF819, FF688

Octothello An othello type game, but played on an octaganal board. There are hundreds of variations to the game, with resizable boards, different corner shapes, and a play to lose mode. Shareware, binary only. Author: PC Solutions FF721

Offender Demo version of a fast shoot'em up game based on Williams' Defender game. Runs at 50/60 frames per second. Includes PAL and NTSC versions. Kickstart 2.04 compatible. Requires 68020 CPU and 68881 FPU or better. Version 1.02, an update to version 1.01 on disk 631. Shareware, binary only. Full version and/or source code available with shareware payment. Author: Fred Bayer FF673, FF631

Oing Displays a window full of little bouncing balls. By Leo Schwab FF33

Oing, Sproing, yaBoing, Zoing are sprite-based Boing! style demos. dln C source code and executable. Documentation included. AM14

Okidata ML-92 Printer driver for the Okidata ML-92. AM9

OkidataDump Okidata ML92 driver and WorkBench screen dump program. Does both alpha and graphics. Untested (I don't have the printer). Author: Raimund Gluecker FF15

OldMan Shades of Santa digitized in an IFF picture. AM7

OmtlFroh A very small 'mini-hack' that allows Enforcer to be used with some specific SCSI controllers that don't bind an AutoConfig node into the ExpansionList. Enforcer registers the accesses to the hardware at 0xee0000 as 'hits'. This little gem will create the AutoConfig node for you. Includes source. Author: Henning Schmiedehausen FF778

On Your Alert: Using the system's alerts from AmigaBASIC. Author: John F. Wiederhirn AC4

one.window Produces a window with a console attached. Does graphics in the top half and limits the console activity to the lower half. Author: Rob Peck 12/18/85 FF5

Freely Redistributable Software

OneKey A 1.3/2.0 compatible input handler for people who can only press (or cause to be pressed) one keyboard key at a time. OneKey gathers individually pressed qualifier keys (shift, alt, control, etc) and then applies them to the next non- qualifier key that is pressed. This is version 36.11, includes source. Author: Carolyn Scheppner FF511

OnePlane Removes the highest number bitplane from the WorkBench screen. Normally used to take Workbench screen from 2 bitplanes to 1 bitplane. This allows CON: style devices to scroll text faster. Includes source. By Ethan Dicks FF329

OnlyAmiga This animation is Iqbal's entry to the Badge Killer Demo Contest. It consists of tree balls being juggled by pyramids rotating on their tops. Author: Iqbal Singh Hans FF126

OnlyAmiga This demo is Rob's entry to the 1989 BADGE Killer Demo Contest, where it won 9th place. It demonstrates sound, multitasking, HAM color, the blitter, and more. Binary only. Author: Rob Peck FF268

OnTheBall Demo version of a desktop aid that contains: Calendar -View & Print adjustable week, month, and yearly schedules. Search forward & backward through appointments. 9 repeat modes. reminder with snooze. Addressbook -Mailing labels, autodialer. Search & sort by any field. Attatch notes. To-Do List -Sorts by optional due dates. Search/Print. NotePad -Full-featured text editor, have as many notes open at one time as you like. Attatch notes to any entry in any application. Multi-lingual, works on all Amigas. Preferences. ARexx. Imports Nag(c) files. Create personalized 'Tags'. Much more... V1.10, binary oniy. Author: Jason Freund, Pure Logic Software FF890

OnTime Holds up a task until a given time and then releases it to run. Version 1.0a, binary only, source available from author. Author: Patrick Evans FF448

OOPS! Tired of the monochrome background color of your Workbench or CLI? Then try this colorful screen hack to brighten things up! Includes source. Author: Joerg Anslik FF156

OPS5c OPS5c is a compiler for the expert system language OPS5. The compiler takes OPS5 source code as input and creates a C source code file to be compiled to create an executable. Arbitrary C code may be linked with the executable and executed as a result of firing rules. The system's strong point is its speed and as a result it sometimes has large executables and large memory requirements. At least 1 Meg. of memory is suggested. Binaries only for compiler and run-time library. Version 1.08a. Requires a C compiler. Authors: Bernie J. Lofaso, Jr, Dan Miranker and Arun Chandra. FF358

Optical Draw several optical illusions. ABasiC program. AM1

optimize An optimization example from an AC article, in AmigaBASIC. AM11

Optimizer A disk optimizer that works on floppy disks, hard disks, and ram disks. It is designed to provide safe optimization, moving only one block at a time. Version 1.0, freeware, binary only. Author: Tim Stotelmeyer FF519

OptMouse A program which allows you to use a Mouse Systems M3 serial mouse on the Amiga and instructions which allow a serial mouse to be modified to plug directly into the Amiga mouse port. Useful as an example of how to 'fake' mouse movements and may be of use in writing drivers for digitizers, light pens, and the like. Includes source. Author: Ed Hanway FF445

Opus8 A program to convert MacIntosh 8-bit sounds to Amiga 8SVX format. Includes source in PCQ Pascal. Author: John A. Safranek FF586

Orbit Plots the ground trace of satellites on a map of the earth, using the orbital elements for some 130 satellites, from a list which is updated every two weeks on Compuserve. Version 1.2, binary only. Author: Timothy Middendorf FF289

organ minor chord Sound demonstration icon-driven part of a set on AMICUS 10 AM10

OrigInsDemo Demo version of a commercial genealogy program. The number of records is limited in practice only by available memory and storage. You may track attributes of people, such as date and place of birth, death, burial, and marriages, and parent/child relationships. Details such as baptism, immigration, and occupation are also allowed for. Reports: individual, family group, pedigree, Ahnentafel, descendants, Tiny-Tafel, alphabetical lists. Free-form text for sources and notes; display of IFF pictures; ARexx functions. The demo version allows a limited number of records, has printing of some reports disabled, and has GEDCOM utilities removed. Requires minimum 1 MB of ram, OS V1.3 or greater, and arp.library. Version 1.06, binary only. Author: Jeff Lavin FF852

Orthello One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Oscillograph An emulation of an oscillograph, with five internal signal generators. The internal signals can be freely edited, even mathematical functions can be used. External signals can be used when a digitizer is connected to the Amiga. This program can be used for learning, demonstration, and even simple technical applications. The german original and the english translation are included, as well as a set of oscillations. Version 2.0, binary only. Author: Michael Gentner FF866

OSK A software keyboard, which allows you to type using the mouse. Can be made to send keystrokes to any window, and can be iconified. This is version 1.2, an update to the version on disk 287. Binary only. Author: Jonathan Potter FF412, FF287

Othello An AmigaBASIC Program of the oriental game known as 'go'. AM8

Othello Another game in ABasiC by the author of Monopoly. Author: David Addison FF28, AM1

Othello Othello game, binary only. By Matthew Bellew FF90

Overscan Patches the Intuition library so that sizable windows with MaxHeight of 200 (400 in interlace) and screens with Height of 200 (400 in interlace) will take advantage of the PAL overscan capability of Intuition V1.2. This seems to be useful only for European users that wish to run software written for the American market, without modifying the applications, but still using the additional space. Includes source. Author: Ari Freund FF133

OwnDevUnit A package that provides an extended locking mechanism for a device/unit pair that makes using programs like getty much easier. Getty is a program that sits on the serial port waiting for calls to come in. By using OwnDevUnit.library, a program can request that getty temporarily release the serial port. Version 2.1, an update to version 2.0 on disk 577. Includes source. Author: Christopher Wichura FF650, FF577

ownlib.asm Example of making your own library in Assembly with Lattice. C program. AM4

ownlib.c, Example of making your own library in C with Lattice. C program. AM4

P-Animate A full 3D Animation program for producing animations in Anim5 format, with emphasis on live characters rather than inanimate objects. Can also be used to produce animated illustrations for use in P-Reader illustrated texts. Version 2.1, freeware, binary only. Author: Chas A Wyndham FF650

P-Compress A compression program that produces smaller files faster than any other current general-purpose cruncher, using LZH compression algorithms. Can handle single files, whole drawers, disks, or selected files or types of files within drawers and disks. Includes compression and decompression object files which can be linked to your own programs to allow them to access and output data in LZH format. Version 2.5, an update to version 2.3 on disk 650, now has the ability to recognize and recompress power-packer files. Freeware, binary only. Author: Chas A. Wyndham, LZH code by Barthel/Krekel FF760, FF650, FF595

P-Compress A compression program that produces smaller files faster than any other current general-purpose cruncher, using LZH compression algorithms. Can handle single files, whole drawers, disks, or selected files or types of files within drawers and disks. Includes compression and decompression object files which can be linked to your own programs to allow them to access and output data in LZH format. Version 2.9, an update to version 2.5 on disk 760. Provides compatibility with OS.3. Author: Chas A. Wyndham, LZH code by Barthel/Krekel FF884

P-FixLib A new P-Suite utility that diverts calls to DOS library so that P-Compressed files are decompressed before being opened or executed. Any type of file, inluding icons, executables, libraries, fonts, texts, etc. may be compressed. Effectively doubles the capacity of your disks. Version 1.2, freeware, binary only. Author: Chas A.Wyndham FF650

P-Index A program for creating active index/selector pages to replace the normal window/icon display. Appearance of pages is only limited by the capabilities of your paint program and your imagination. Index lines can be shown as arrays of boxes (as with current 'selector' programs), or as icon look-alikes, or anything else you fancy, with normally a large saving in disk space. Freeware, binary only. Author: Chas A.Wyndham FF744, FF726

P-Reader An all purpose reader that displays texts, pictures, animations and sounds, which may be uncompressed or compressed with P-Compress. Texts can include embedded static or animated illustrations and sounds. This is version 6.2, an update to version 5.2 on disk 595. Freeware, binary only. Author: Chas A. Wyndham FF744, FF726, FF595

P-Writer A text editor with special facilities for inserting text color and style changes and for preparing illustrated texts for P-Reader. Version 3.3, an update to version 3.2 on disk 595. Freeware, binary only. Author: Chas A. Wyndham FF674, FF595

P2C P2C is a tool for translating Pascal programs into C. It handles the following Pascal dialects: HP Pascal, Turbo/ UCSD Pascal, DEC VAX Pascal, Oregon Software Pascal/ 2, Macintosh Programmer's Workshop Pascal, Sun/ Berkeley Pascal. Modula-2 syntax is also supported. Most reasonable Pascal programs are converted into fully functional C which will compile and run with no further modifications. V1.13 Includes source. By Dave Gillespie, Amiga port by G. R. (Fred) Walter FF341

Paccer A pacman clone with sound and a game screen editor. V1.0, shareware, binary only. Author: Dirk Hoffman FF223

Pack Program to strip extraneous whites pace from C programs or header files. Can be used to condense the C compiler header files to free up disk space. Author: Jeff Dickson FF20

Pack-It Pack-it will take all the files and directories on a disk and pack them into a single file for electronic transmission via modem. Binary only, shareware. Author: Gary Kemper FF103

PacketSupport A link library, for use with Lattice C, providing a few functions to handle DOS packet postage. Includes source. Author: Oliver Wagner FF346

PacMan A pacman type game with 20 levels, 5 bonus levels, and extra tools. Automatically adjusts to either PAL or NTSC. Can be controlled with a joystick, mouse, or keyboard. Written in assembly. Version 1.1A, shareware, binary only. Author: Edgar M. Vigdal FF717

PacMan87 This is a nice little 'pacman like' game with some new features like fire pits, stabbing knives, electric arcs and flame throwers, that must be avoided. Has three levels of difficulty, easy, medium, and hard. Sounds can be toggled on or off. Keeps a record of the top ten scores. Shareware, binary only. Author: Steve Jacobs and Jim Boyd FF192

PageCnt Counts and displays the number of form feeds in a file, along with the length of the longest line. Version 1.0, includes source. Author: Joel Swank FF304

PagePrint Prints text files with date/time header, page breaks, and line numbers. Suggested $10 donation. By Phil Mercurio FF40

Pager A program to number lines and pages for various kinds of text. It uses printf style formattings and has a lot of cli options, including lines per page, multiple sources, quiet option etc. Requires AmigaDOS 2.04 or higher. This is version 1.00, freeware, binary only. Author: Hans-Peter Guenther FF824

PageSetter Freely distributable versions of the updated PagePrint and PageIFF programs for the PageSetter desktop publishing package. AM18

Paint A simple screen painting program, written in web. Requires web preprocessing program to rebuild from source. Includes source in web. Author: Greg Lee FF128

PaintBox Simple paint program. ABasiC program. AM1

PaintCan.pic The PaintCan in an IFF picture. AM6

PaintJet An 'official' Hewlett Packard PaintJet printer driver received directly from HP sources. Author: Unknown FF129

Pal A small utility to help applications open their own PAL screen on an NTSC Amiga with ECS. It requires Workbench 2.0. In- cludes sources in C and assembly. Author: Eric Gontier FF742

Palette A tool which allows you to change another program's custom screen colors. This is version 1.1. New features include checks for WorkBench startups, checks for HAM, Half Brite, or more than five bitplanes, and more graceful exits. Includes source in assembly. Author: Randy Jouett, CJ Fruge, Carolyn Scheppner, Charlie Heath FF330, FF55, FF1

PaletteReq An easy way to set the palette of any screen from your program. Includes source. by: JonathanPotter FF242

PalTest Example code of how to determine dynamically whether or not you are running on a PAL machine. Includes source. Author: Christof Bonnkirch FF87

Panasonic KX-P10xx Printer driver for the Panasonic KX-P10xx family of printers. AM9

Pani A universal MIDI patch panel that allows MIDI parameter info to be sent from the Amiga to any MIDI device that can accept param info Version 1.2, binary only. By David Weinbach FF82

PaperBack Allows the user to generate a double sided document from a single sided one. Two output documents are created: an ODDS set and an EVENS set. The odds set can be printed on single sheet or tractor feed paper, reversed and re-inserted in the printer, then the even set can be printed on the reverse side. Page sizes are all fully editable by the user, along with cer- tain other parameters. Handles predefined page breaks elo- quently. Saves paper, and storage space. Requires kickstart 1.3 or 2.0 to operate. V2.004, freeware, binary only. Author: Bob Rye FF749

Paragon A two player game where the object is to build a given crown (a pattern of 5 stones) on the playboard. Includes source in AMOS. Author: Volker Stepprath FF600

parallel Demonstrates access to the parallel port. Author: Tom Pohorsky FF5

parallel Text, parallel port spec. AM5

Paranoids An asylum escape game. Paranoids is a traditional board game played by drawing cards, rolling dice, and moving pieces around the board. Each player has six pieces, four patients and two doctors. The object of the game is to get all of your patients out of the asylum. This is version 1.0, binary only. Author: Richard Anderson and Gary Teachout FF250

paratest.c tests parallel port commands. C program. AM4

PARex Replace strings in any file, whether plain text files or pure binary files. By using scripts you can define any number of search and replace strings to be used for processing a file. You can use all ASCII codes when defining these strings, so non-printable characters are no problem. PARex makes patching files very easy. Version 2.12, binary only, shareware. Author: Chris Vandierendonck FF859

ParM Parametrable Menu. ParM allows you to build menus to run any program in either in WorkBench or CLI mode. This is an alternative to MyMenu which can run only when WorkBench is loaded. ParM can have it's own little window, can attach menus to the CLI window you are running it from, or to the WB menus, just like MyMenu. Versions 3.6 & 4.3, an update to version 3.6 on disk 649. Binary only. Author: Sylvain Rougier and Pierre Carrette FF843, FF649, FF540, FF419, FF375

ParNet The Software Distillery's NET: file system using Matt Dillon's parallel port code. Using a special DB25 cable, two Amigas can be connected via the parallel port. One Amiga can mount the other as a device and read/write the files as if they were local. Version 2.4, binary only. Author: Doug Walker, John Toebes, Matt Dillon FF400

ParOut Shows how to allocate and communicate directly with the parallel port hardware from an assembly language program. With source. By Jeff Glatt (original code by Phillip Lindsay) FF237, FF73

Parse A recursive descent expression parser that parses expressions, computes the expression value, and prints it. Includes support for some built in transcendental functions. Includes source in C. Author: John Olsen FF92

Parse A simple keyword command line parsing routine. Supports mixed case and unambiguous abbreviations in the command line. The parse routine can be used to add keyword control to any pro- gram in an easy manner. Version 1.2 includes C source. Author: Andrew Martin SciTech Software FF598

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Parsnag A program to aid in performing color separations on Epson JX-80 printers. Includes source. By John Hodgson FF165

ParTask Example program for finding the parent task of your current task. Includes source. Author: Andry Rachmat FF79

PascalToC A Pascal to C translator program which is supposed to correctly handle function, procedure, and most type declarations. However, this quick and dirty port didn't fare too well on even a simple little Pascal fragment from Software Tools in Pascal. I don't know if the problem is machine dependencies in the code or bugs. Looks like it could be useful with a little more work than I have time to put into it now. Includes source. Author: James Mullens, enhancements by Dan Kegel FF65

PassWord A little password program, not intended to give protection against professional hackers but more like keeping little sisters and/or friends from using your system without your permission. This is the first release version 0.1. OS 1.3 and 2.xx, freeware, binary only. Author: Hans-Peter Guenther FF761

Password A program to password protect an AutoBooting HD based system. Supports a list of authorized users and their passwords. Version 1.0, binary only. Author: Malcolm Harvey FF804

Password A program which enhances your computers security by making it complicated enough that users without your password will get discouraged trying to boot and use your system. This should keep out most casual or nontechnical users. Update to version on FF#243. Version 1.42p, binary only. Author: George Kerber FF365, FF243

Paste A version of the UNIX paste utility. Paste concatenates corresponding lines of the specified files into a single output line (horizontal or parallel merging) or concatenates them into alternate lines (vertical or serial merging). Includes source. Author: David Ihnat FF136

Patch A port of the very useful UNIX utility which applies context diffs to text files to automatically update them. This is a port of version 2.0.1.6 (patch level 12), which Eric has dubbed Amiga version 1.0. Includes source. Author: Larry Wall, Amiga port by Eric Green FF296, FF129, FF13

PatchCompiler A program to generate patches using a Pascal like language to describe what needs to be patched. This is version 1.0. Includes source in assembly. Author: Roger Fischlin FF437

PatchLace A commodity for Workbench 2.0 that makes all interlaced screens open in NTSC mode, thereby reducing flicker. Requires Kickstart 2.0 or higher. Binary only. Author: Martin W. Scott FF742

PatchLibrary This is the initial release of the patch.library programmer's pack. It provides easy-to-use functions to safely install custom code for library functions. Two example programs ShowNeededFiles and CPUClear demonstrate how the library works. ShowNeededFiles patches dos.library to print messages whenever Open(), LoadSeg() or Lock() is called. CPUClear patches graphics.library/BltClear() to use the CPU instead of the Blitter. Version 1.55, assembly source is included for the example programs. Author: Stefan Fuchs FF886

PatchLoadSeg This program patches the loadseg routine to automatically detect link viruses when a program is loaded. Displays an alert when a virus is detected in a program being loaded for execution. Version 1.20, includes source. Author: Pieter van Leuven FF331

PatchMan An editor for the Roland JD-800 programmable synthesizer. You can receive/transmit/save/load single patches, the special setup, all internal patches, 'ALL'-datas, set parameters for the three effect systems used in Multi mode and edit the var- ious part parameters. Version 1.0, binary only. Author: Michael Fuchs FF728

PatchNTSC OS fix to allow the growing number of PAL display programs to be run on NTSC machines. Will patch the Intuition OpenScreen() function to assure screens with PAL height to be opened in interlace mode. Includes source in assembler. Author: Oliver Wagner FF346

PatchOS Enhances OS 2.04 with three new features: keyboard-shortcuts for menus while a string-gadget is active, use of the star ('*') in AmigaDOS pattern matching and input of any char by typing its ASCII-code on the numeric pad. Requires at least AmigaOS 2.04. Implemented as a commodity. Version 1.00. Includes documentation in german and english language. Author: Hartmut Stein / Bernstein Zirkel Softworks FF706

PatchReq A patch for system requesters and arp file requester. Replace arp file requester with the great req.library file requester. Patches AutoRequest() for requesters to appear under the mouse and more. Version 1.4. Includes source in C. Authors: Sylvain Rougier, Pierre Carrette FF540

PatEdit A pattern editor for creating patterns to input to the Amiga SetAfPt macro call. This call sets the area fill pattern for the area filling graphics calls such as RectFill, AreaDraw, etc. Includes source. Author: Don Hyde FF130

Path An interesting concept in path-searching. This program contains a path-handler that allows you to selectively control or assign your system's search path using script files. Includes source. Author: Rico Mariani FF177

PathMaster A file requester with lots of features. Can be easily configured by the programmer to suit a variety of applications. Includes source. Author: Justin McCormick FF245

Pattern A shared library which matches AmigaDOS patterns with strings and converts strings into uppercase or lowercase including umlauts. The library works with Kickstart V1.2 and higher and the pattern matching routines are compatible with ARP and AmigaDOS 2.0 pattern matching. An ARexx function library is also available. One of the external programs included in this package is pgrep version 0.4 a small grep command that finds a string or an AmigaDOS pattern in one or several files or in stdin (default). Version 5.0 freeware binary only. Author: Angela Schmidt FF625

PatternLib A sharable library which implements AmigaDOS pattern matching, and a program that compiles 'fd' files into library headers and interface stubs. Includes source in Draco. Author: Chris Gray (?), posted on BIX by Jeff White FF254

Pauky Demo version of an English to German (and vice versa) word translation trainer. Version 1.2, binary only. Author: David Wetzel FF498

PaulCopy A single drive disk copier for Amigas with 1MB of RAM. Copies the source disk completely into memory in one go. Will also work with 512K Amigas, yet will require multiple disk swaps. Version II, includes assembly source. Author: Paul Hayter FF537

PBar An editor to change the pattern in the windows drag bar and save the pattern as an executable file with an icon looking like the pattern. Version 1.0, includes source in assembler. Author: Preben Nielsen FF396

PBlanker An enhanced Workbench 2.0 commodity, replacing 'Blanker'. Can blank screen and mouse pointer separately. This is version 37.04. Needs Kickstart 37.xx. Binary only. Author: Bernd Preusing FF536

PBlanker An ultra tiny Screen-Blanker/Mouse-Blanker/ Mouse-Accelerator thingy. Is about 700 bytes and doesn't have to be RUN. Version 1.3, includes assembly source. Author: Paul Hayter FF537

PC Printer Controller. Sends escape codes to the printer according to ANSI standards to aid using various capabilities of the printer. Intuition interface, runs from both the WorkBench and CLI. Includes source in assembly Author: Kamran Karimi FF757

PC-TaskDemo PC-Task is a software IBM-PC emulator. It allows you to run the majority of IBM-PC software on your amiga with no additional hardware. Runs just like a normal application allowing multitasking to continue. The program has a graphical user interface and no additional filesystem/ device mounting is required. A few clicks with the mouse and it is operational. VGA, EGA, CGA, MDA, Serial, Parallel, Mouse, 2 Floppy drives and 2 Hard drives are emulated. The hard drives can be partitions or hard drive files like the bridgeboard can use. This is the demonstration version 2.01 full version is available from the author. Binary only. Author: Chris Hames FF866

PCalender A little calender program which lets you look through years and months using the arrow-keys. Version 1.0, includes source in assembler. Author: Preben Nielsen FF396

PCBTool An early version of a shareware PC Board layout program Lots of options including variable size pads and traces, grids, grid snap, layers, zoom, selectable centering, text and more. This version does not support printer/ plotter dumps or libraries. Version 2.6, binary only. Author: George Vokalek FF158

PCExecute A little program that allows you to execute programs on a bridge-board without opening a PC window. Includes source. Author: Peter Vorwerk FF610

PCKeyMap This program uses an InputEventHandler to manipulate the backslash (\) and some other useful keys in order to better emulate an XT/AT keyboard on the German Amiga keyboard (which is missing the backslash and some other keys). This is version 1.0. Includes source. Author: Peter Vorwerk FF509

PClock A little clock program which shows the time and the available CHIP and FAST memory. Version 1.0, includes source in assembler. Author: Preben Nielsen FF396

PCMenu Control your pulldown menus from the keyboard using the arrow keys or 'first letter matching'. Multiple selections made with Shift-Return. Remembers and returns to previous menu items. Completely configurable. This is version 1.5. Binary only. Author: Brian Moats FF624

PCompress A gimmick free and very easy to use program for most com- pression requirements. Uses the latest LZH compression algorithms and aims at the optimum mix of efficiency/speed/ memory usage. Can handle single files whole drawers disks or selected files or types of file within drawers and disks. In PACK mode it can consolidate files into less space than whole-disk compression tools or archivers. Version 5.1 binary only. Author: Chas A.Wyndham LZW code by Barthel/Krekel FF565

Pcopy An intuition based disk copier for AmigaDOS disks featuring high speed diskcopy with write verify, data recovery from damaged tracks, full multitasking compatibility, and a user friendly interface. This is version 2.12, an update to version 2.11 on disk 383, with new data recovery routines and some bug fixes. Binary only. Author: Dirk Reisig FF402, FF383, FF243, FF151

PcPatch Patches for PCCopy and PCFormat from the EXTRAS disk, to allow reading, writing, and formatting of any kind of MS-Dos style disks, including 720K 3.5" diskettes. Binary only. Author: Werner Guenther FF218, FF163

PCQ An update to PCQ from disk 503. This is only a partial distribution and includes just the compiler main pass, the documentation, and a ReadMe file. You need the distribution from disk 503 to use this material. This update is version 1.2b. Author: Patrick Quaid FF511, FF503, FF339, FF183

PCStatus Bridgeboard user's program that displays the status of the CAPS, NUM, INS, and SCROLL key in a separate window on every PC screen. Also, both the Amiga and the PC will use the same status of the Caps Lock key. Version 2.0, shareware, binary only. Author: Alexander Hagen FF411

PCTask PC-Task is a software IBM-PC emulator. It allows you to run the majority of IBM-PC software on your amiga with no additional hardware. Runs just like a normal application allowing multitasking to continue. The program has a graphical user interface and no additional filesystem/ device mounting is required. A few clicks with the mouse and it is operational. CGA, MDA, Serial, Parallel, Mouse, 2 Floppy drives and 2 Hard drives are emulated. The hard drives can be partitions or hard drive files like the bridgeboard can use. This is demonstration version 1.04. Full version is available from the author. Binary only. Author: Chris Hames FF643

PcView Provides the PC community with the opportunity to display IFF pictures to the best of EGA's ability. Displays Amiga pics, IBM-PC Deluxe Paint Pics, Apple II-GS Deluxe Paint Pics, and others in the IFF standard format. Includes source. Author: John Hodgson FF164

PDC Publicly Distributable C (PDC) is a complete C compilation system including a compiler, assembler, linker, librarian, and numerous utilities, documentation files, libraries, and header files. PDC supports many ANSI features including all ANSI preprocessor directives, function prototyping, structure passing and assignment. In addition it supports Lattice C compatible libcall pragmas, precompiled header files, builtin functions, and stack checking code. This is version 3.33 and includes full source. Author: Lionel Hummel, Paul Petersen, et al. FF351

Pdc An optimizing C compiler for the 68000 processor. Major porting work was done by Jeff Lydiatt to get it to the point where it would compile and execute simple programs on the Amiga. This version now generates metacomco-compatible assembler source code, which can be assembled by the assembler also provided on this disk and then linked by the freely redistributable linker 'blink' (also provided). Includes all compiler source and some library and startup source code. Requires amiga.lib from developers kit to generate complete running example executables. Author: Matthew Brandt; major porting work by Jeff Lydiatt . FF110

PDScreen Dump C program which dumps Rastport of highest screen to printer. AM8

pdterm A simple terminal emulator that does ANSI or DEC VT-100 emulation in 80 cols by 25 lines. Version 1.21. Author: Michael McInerny FF14

PearlFont A font similar to Topaz, but with smoothed out edges and more rounded characters. Author: Michael Portuesi FF61

PED A source text editor which supports all important standard editor commands. It accepts mouse and keyboard commands, and will run from CLI and from Workbench. PED doesn't use the op- erating system for outputs and scrolls very fast. Version 2.30, binary only. Author: Frank Wille FF749

Pemacs Microemacs as enhanced by Andy Poggio. New features include use of <ALT> keys as Meta keys, default buffers on buffer switch, mouse support, higher priority to improve interactive response, creation of backup files, paragraph fill, word wrap, query replace, and support for function keys Author: Dave Conroy, enhancements by Daniel Lawrence FF22

pena One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

PennyWise An easy to use, flexible cashbook program using an Amiga Intuition interface. It can be used to keep track of the financial transactions of a cheque, bank, business, or similar account. Shareware, binary only. Author: Pierre A du Parte FF273

PenPalFont A font which will make your six year old feel right at home in a CLI window. Cute. Author: Burton Ogden FF73

people talking Sound demonstration icon-driven part of a set on AMICUS 10 AM10

PeopleCable IFF picture resembling an old BYTE cover. AM7

Pere-et-Fils Example of creating and using reentrant processes. Includes source. Author: Jean-Michel Forgeas FF105

PerfectSound Perfect Sound demo, with a sound editor and sample sound files. Looks very nice. Author: Anthony Wood FF50

PerfMonitor A small tool to show the CPU usage of each task. Kickstart 1.3/2.04 compatible. Version 1.0, binary only. Author: Tom Kroener FF740

Perl Practical Extraction and Report Language, an interpreted language optimized for scanning arbitrary text files, extracting information from those text files, and printing reports based on that information. Author: Larry Wall FF161

PersMait Demo version of shareware personal/personnel file manager. Includes list processing, capability to run mailing labels, mail merge output feature, and more. Demo version is binary only and limited to input mode. Suggested donation of $24 for the 'real' version. Author: Breen and Associates FF67

PetCLI An AmigaBASIC program that allows editing in CLI command lines (similar to the PET and MYCLI). Includes source. Author: Peter Kittel FF71

PetersQuest This cute game has you the intrepid Peter following a trail of hearts through a world of 20 levels riddled with porcupines and other hazards to rescue Daphne the love of your life that has been kidnapped by the evil Brutus. Includes digitized sound and colorful graphics. Version 1.2 an update to version 1.0 on disk 224. New features include super speed super jump rocket pack and more. Binary only. Author: David Meny FF577, FF224

PETrans translates PET ASCII files to ASCII files. In C source code and executable. Documentation included. AM14

PeX A demo of the various graphics capabilities of the Amiga. Author: Unknown (no documentation included) PictureGarden Another demo, apparently in compiled basic. Author: Unknown (no documentation included)

FF206

PF A CLI/Workbench interface to control an Hewlett-Packard DeskJet 500 printer, enabling the user to select an internal font and to print one or more files, or to initialize the printer. Version 2.10, includes source (SAS-C) Author: Maurizio Loreti FF539

PFIler A very good and small file requester to link onto your own programs. Version 1.0, includes source in assembler. Author: Preben Nielsen FF396

PgmToShd Takes a standard PGM format graphics image and creates from it a PPM image containing information to view black and white images in 151 shades of gray instead of the Amiga's standard 16. It uses the monochrome composite video output jack available on the Amiga 500 and 2000, so provided you have one of these computers and a monitor capable of receiving its input through composite video, no modifications are required to the Amiga. The PBMPlus library of graphics manipulation routines is required to make use of this program, as well as a standard IFF viewer such as Mostra. A sample test image is included. This is version 1.0, binary only. Author: Dan Charrois FF694

Phone A funny strategy game. Your goal is to connect everyone to the phone system without running out of wire. The country in which these people live is full of high mountains, deep rivers, and highly frequented roads, so connecting everyone up may not be easy. Binary only. Author: Tobias Eckert FF689

PhoneGram Generates text from phone numbers. Attempts to find all three and four letter words encoded by any phone number. Graphic keypad display with sound. Version 1.01, binary only. Author: Martin C. Kees FF516

PhoneList Simple phone list database, unique in the fact that it allows easy usage from either the WorkBench or CLI. Allows you to add, delete, search and create an alpha-sorted list. Author: Michael Hoffmann FF862

PhxAss PhxAss is a complete macro assembler, which supports the instruction-set and addressing modes of all important Motorola processors (MC68000,68010,68020,68030,68040,6888x and 68851). It understands all common assembler-directives and can generate not only linkable object-files but also absolute code, which can be written to memory, to a file or directly to disk using the 'trackdisk.device'. In all cases the user has the opportunity to choose between the large and small code/data-model. Version V3.30, an update to version V3.00 on disk number 853. Binary only, shareware. Author: Frank Wille FF906, FF853, FF749

PhxLnk Linker for Amiga DOS object files, which also supports the small-code/data model. Version V1.35, an update to version V1.27 on disk 749. Binary only. Author: Frank Wille FF853, FF749

Piano Simple piano sound program. AM21

PicBase A program that allows the user to organize and manage all IFF images and brushes stored on disk. Displays a miniature monochrome (8 or 16 level) image of each file, with information such as the full pathname, the creation date, file size, image size and depth, display mode, and filenote. The images are displayed four at a time and can be scrolled in realtime, manually or automatically sorted, presented as a slideshow, and more. Version 0.36, shareware, binary only. Author: Mike Berro FF527

PickFile A random generated executor. It uses a file, or optionally a directory, to start the given commandline which the selection. Can be easily used for slideshows, wbpattern, font, wbpicture changes. Any []'s will be exchanged with the selection. Includes examples. Requires AmigaDOS 2.04 or higher. This is version 1.00, freeware, binary only. Author: Hans-Peter Guenther FF827

PickPacket PickPacket gives you a visual display of the DosPacket structures that are sent to handlers, and lets you see the results. You can actually perform handler operations such as open files, read or write data, Examine or ExNext locks, and so forth, all by talking directly to the file system handler involved using PickPacket. V1.0, with source. Authors: John Toebes and Doug Walker FF227

PicPak A package of general purpose picture loading and manipulation functions including IFF ILBM loading ViewPort color control (including fades and color cycling) and frames. Will also load and display SHAM images. Version 1.3c includes source. Author: Paul Miller FF593

Pics Some miscellaneous pictures with a cartoon theme. Author: Bob McKain FF394

PicSaver A small utility that allows you cut rectangular portions of any screen and store them on disk as IFF ILBM files. Also allows easy saving of windows and entire screens to disk. This is version 1.1, an update to version 1.0 on disk 483. Includes source in assembler. Author: Preben Nielsen FF494, FF483

PicToANSI Converts a one bit plane 320x200 IFF picture to a file that displays the picture on any ANSI compatible terminal. Binary only, source available from author. Author: Patrick Evans FF448

PictSaver A small utility that allows you cut rectangular portions of any screen and store them on disk as IFF-ILBM files. Also allows easy saving of windows and entire screens to disk. This is version 2.4 an update to version 2.0 on disk 543. Binary only. Author: Preben Nielsen FF593, FF543

PictureEditor An 'object-oriented' paint program that allows you to create, modify, load, and save hierarchical structured picture objects. Version 1.12, shareware, binary only. Author: Hans W. Stremlau FF464

Pictures Miscellaneous pictures selected from dozens of pictures that have come my way since the last full art disk. Author: Rich Payne, Grace Rohlfs, and others. FF45, FF11

Pictures: IFF pictures from past Amazing Computing issues. AC11

PigLatin Tired of the 'say' command? This one will translate and speak your input in pig latin! Author: Thomas Clement FF18

pigs Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Pilot An implementation of the PILOT language for the Amiga, including a demo done for the National Park Service. PILOT is a limited use language for use in educational and computer based instruction programs. Binary only with Beta test kit available from authors. Author: Terry LaGrone FF150

PinballConstSet.pic. A screen from Pinball Contruction Set in an IFF picture. AM6

Pinfocom A portable Infocom standard series game file interpreter that can also analyze any Infocom game file and display vocabulary lists, object trees, etc. Has many informative and debugging options that can be enabled at runtime. Includes extensive documentation, sound and proportional sound support, and many Amiga specific features. This is version 3.00, Amiga release 2.34. Includes source in C. Authors: InfoTaskForce & Paul D. Smith; port by Olaf Barthel FF834

pinwheel One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. It is not certain whether which of the two early basics this program used. FF13

pipe organ Sound demonstration icon-driven part of a set on AMICUS 10 AM10

PipeDevice A working 'pipe:' device, which allows the standard output of one process to be fed to the standard input of another process, with both processes running concurrently. Author: Matt Dillon FF55

PipeHandler An AmigaDOS pipe device which supports OPEN, CLOSE, READ, WRITE, LOCK, EXAMINE, and EXNEXT. Thus you can have 'named pipes'. It also supports 'taps' on a pipe, to capture all data flowing through the pipe. Version 1.2, includes source. Author: Ed Puckett FF84

Pipeline A game like the commercial game 'Pipe dream' (Pipe mania). Needs a joystick. High scores are saved to disk. This is version 2.0, an update to version 1.0 on disk 358. Includes source in assembly language. Author: André Wichmann FF656, FF358

PKAZip The PKWare ZIP tool for the Amiga. Provides functions to create, examine, extract, test, modify, display, and print files which are in the ZIP compressed format Uses a full Intuition interface with no CLI support. This is version 1.01, Binary. By PKWARE Inc, Amiga version by Dennis Hoffman FF318, FF311

PKludge A mode promotion commodity for AmigaDos 3.0. It allows any mode to be promoted to any other mode. Mode promotion keyed from the screen name or title, and resizing and moving screens during mode promotion. It is useful to 1) promote all screens to a single scan rate to avoid re-syncing on multisync monitors during screen flipping, 2) use 800x600 or higher resolutions with some applications which don't know how to open those screens but can otherwise handle bigger screen sizes, 3) use PAL:Productivity 640x400 mode instead of DblNTSC:High Res Lace mode, since the productivity mode tends to be more visible on some Amiga 4000's. Version 1.0, binary only. Author: Steve Koren FF771

Planetarium An astronomy program which displays and animates the planets of the solar system at specific times. Useful for quickly and easily determining the best times to view the planets, observing retrograde, etc. Version 1.0, OS 1.3, 2.x, 3.0 compatible. Shareware, binary only. Author: Jim Schwartz FF871

Planets A pair of programs to calculate the positions of the planets and the moon (as viewed from a specific point on the earth), for an arbitrary date and time. This is version 1.1, an up- date to version 1.0 on disk 321. Includes source. Author: Keith Brandt VIII, Jim Cobb, F. T. Mendenhall, Alan Paeth, Petri Launiainen, Bob Leivian. FF709, FF321

PlansDemo Demo version of a drawing program with user definable fonts over 32000 named lockable layers definable screen resolution hierarchial parts and grouping importing of HPGL plot files multiple simultaneously loaded drawings many print options fully programmable plotter support 38 mouse drawing modes over 22 numeric object creation modes 53 editing modes rulers crosshairs grid bezier curves and more. This is version 2.1 binary only. Author: Gary Hale FF633

Plasma A Plasma Cloud Generator for V39 AGA machines only. This program will generate Fractal Images called Plasma Clouds, using the AGA 256 color modes with full use of the 24 bit palette. Includes source. Author: Roger Uzun FF779, FF573, FF285

PlaySound A tool to replay IFF-8SVX sounds using double-buffering while the sound file is being loaded from disk. Also serves as an iffparse.library and audio.device programming example. Re- quires Kickstart and Workbench 2.04 (or higher). Version 1.1, includes source in 'C'. Author: Olaf 'Olsen' Barthel FF684

Plop Short, simple, no-frills IFF reader program, and a sample picture made using a ray tracing algorithm. Author: Jim Kent FF35

Plot A 3-D function plotting program with provisions for coordinate translation on both axes, parametric equations, and standardized notation of the pow function (x^y — which now works as specified.). This is version 5.1, an update to version 4.1 on disk 175, with some enhancements and bug fixes. Binary only. Author: Terry Gintz FF389, FF175, FF49

Plot A package for making 2D and 3D plots conveniently. AG Baxter wrote the intuition interface program (Plot) and Tim Mooney wrote the MultiPlot and ThreeDPlot programs, which are called from Plot. This is version 1.2 and includes source to Plot. Author: AG Baxter, Tim Mooney FF231

Plot A shareware 3D graphing program written in AmigaBASIC, with some sample output plots. Source available from author. Author: George Trepal FF121

Plot6 A star plotting program. Short on documentation and user friendliness, but interesting. Includes source. By Darrin West FF85

PlotData2D Plots data onto a custom user defined screen and window, reading the plot and screen/window definitions, along with the X and Y data pairs, from a disk file. Supports linear, log-log, and semi-log axis plots. The data can be plotted with lines, symbols, or both. Includes numerous example plots. Version 1.0, includes source in Fortran. Author: Robert C. Singleterry Jr. FF288

PlotLib Another function plotter library with different display options in 2D 3D or Niveau. Easy to use functions allow you to write your own plot program. Output functions for screen and HPGL plotter. Demo program included. Works on Amiga and MSDOS. Includes source in C. Author: Silvano Oesch FF602

PlotMap PlotMap is a tool like DrawMap from Bryan Brown that draws a map of the world's surface. PM uses the same map files as DrawMap 4.0/4.1 but has several improvements: much faster, runs on 512 KB machines with just one floppy, more configurable, zoom box from a box map, definable screen mode, abortable drawing. This version requires OS 2.04. Version 0.85, first release. Includes source in C. Author: Thles Wellpott FF762

Plotter A program to plot math functions. This is V3.98 an update to version 3.71 on disk 376. Needs mtool.library (supplied). Freeware binary only. Author: Ruediger Dreier FF573, FF376

PlotView A couple of programs, Plotview and Plot2Am, for viewing UNIX plot files. Also included are two sub-directories: Plot — a device independent plotting package for the Amiga, compatible with the UNIX plot subroutine package and Plot2Tek — converts UNIX plot format files to Tektronix 410x terminal graphic commands. Source included. Author: Joel Swank FF165

Piplot A library of C functions useful for scientific plotting on the Amiga. The library is Lattice C compatible. Contour plotting, three dimensional plotting, axis redefinition, log-log plotting and multiple subpages are a few of Piplot's features. The plots can be displayed on a monitor or sent to a graphics file for subsequent printing. This is version 2.6. This version includes a greatly improved intuition interface, preferences support for hardcopy, several new device drivers, and the capability of adding additional device drivers easily. Includes source. Author: Tony Richardson FF340, FF222

PlusCR Companion program to StripCR, it reverses the procedure. PlusCR produces a file ready for use on systems which require both the CR and LF characters to mark the end of a line (such as those running MS-DOS for example, includes source in assembly. Author: Bill Nelson FF237

PLW Phone-Line-Watcher. For users of Hayes compatible modems. Monitors the serial port and records all incoming calls. Allows a remote user to login, receive and leave a message, and transfer files via Zmodem in either direction. Two level DOS access, disabled DOS requestors and more. This is version 3.0, an update to version 2.8 on disk 372. New features include the ability to define external programs as menu options that can be executed by the remote user. Shareware, binary only. Author: Christian Fries FF402, FF372, FF363

PM A tool that monitors the Amiga system's CPU usage using some hooks that are available in 2.04 EXEC. The program uses the high resolution EClock timer to get real time values for the amount of time the processor spends running tasks and the amount of time it spends between tasks (in task switch and in sleep). Version 37.8, binary only. Author: Michael Sinz FF677

pm A chart recorder performances indicator. AM11

Pmode Very simple command line utility to send escape sequences to the printer to change print styles. Specifically tested a NEC P6 Plus, but it should work with many printers. Included source should make it easy to add/modify escape sequences. Author: Dario de Judicibus FF392

Pogo Another of Eric's cute animations. This one has Pogo and crew trying to hold a conversation with the beautiful Miss Mam'a'selle. Author: Eric Schwartz FF423

Pointer Use the SID sleepy pointer in your programs. Includes C source, a sample program, and modules that you can plug in to your C programs. Author: Timm Martin FF430

pointerEd Pointer and sprite editor AmigaBASIC program. AM11

PointerLib A disk based shared library which provides programmers with easy access to custom pointers and a consistent user selected busy pointer. Includes source. Author: Luke Wood FF446

PointerX Spins the hands of any pointer that looks like the standard AmigaDOS 2.0 Workbench 'busy' pointer (a clock). Will also work with any application that uses the same pointer. Includes source. Author: Steve Tibbett FF483

PointToPoint A board game where each player gets to alternately set one of his stones on the board until the last field is occupied. The goal of the game is to enclose as many stones of the opponent as possible. Version 1.1, shareware, binary only. Author: Manfred Kopp FF702

Poker A 'fair' version of a casino video poker machine in which a deck is dealt randomly. Regular casino rules apply. This is a variation of the version that appeared in the October 1992 of JUMPDISK, the Original Disk Magazine for the Amiga. Author: Richard Ramella FF848

PokerDemo Demo version of some Solitaire card games from UnSane Creations. Includes Accordion, Calculation,

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Last Minute Additions

Poker Solitaire, and SeaHaven Towers. Binary only. Author: Steve Francis FF403

PolarView A planet view in an IFF picture. AM6

Police Simple police siren sound. ABasiC program. AM1

Poly A polygon drawing demo using the Area Move, Area Draw, and Area End functions Author: John Olsen FF52

Polydraw A drawing program written in ABasiC. Author: David Addison FF15

Polyfractals A fractal program written in ABasiC. Author: David Addison FF15

Polygon A moire type pattern generator but with color cycling. Author: TerryGintz FF49

PolyRoot Another Polynomial root-finder using the Newtonian algorithm. Nicely done in AmigaBASIC with good documentation file. Version 2.00. Author: Jon Giorgini FF164

PolySIIICon A centralized Shell Command Interface with visible scrollable History and mouse access. Allows multiple shells to be controlled from a single command/ history window. Commands can be re-executed with a mouse click. A group of commands for a project may be loaded into the history from a file for easy access. Compatible with both 1.3 and 2.0 AmigaDOS. ShareWare, binary only. Author: Pete Goodeve. FF504

PolySys An extended version of the 0L-system (string rewriting) described in The Science of Fractal Images (edited by Pietgen and Saupe). The basic algorithm has been expanded and modified extensively, and looping commands similiar to those found in other Turtle graphics systems (Logo, etc) have been added. Support for three-dimensional drawing, with perspective, is also included. Version 1.0, binary only. Author: Terry Gintz FF389

PongoDemo Demo version of PONGO 1.1, a 3D dynamic modeling program that loads, animates and transforms 3D objects in many different ways. This demo version only supports the IFF ANIM5 file format for animations, with the 'Save Imagine object' feature disabled. Supports the following types of morphing: Transcale, Taper, Shear, Rotate, Twist, Bend, Waves, Radial Bend and Metamorph. All transformations may be combined (i.e. you might both Twist and Shear an object at the same time). Requires 1 MB ram, and a PAL Amiga (does NOT run on NTSC computers). Author: Guido Quaroni, submitted by AMIGABYTE FF789

Poor Man's Spreadsheet: A simple spreadsheet program that demonstrates manipulating arrays. Author: Gerry L. Penrose. AC10

PopArt Intuition based image data generator and animator. Includes source. Author: Philip FF374

PopCLI Provides a simple way of starting another CLI at any time without having to load workbench or exit whatever program you may be using. Also has a built in screen saver mode that automatically blanks the Amiga console screen when there has been no input for a specified period of time. Version III with source. Author: John Toebes FF84, FF40, FF35, AM15, AM12

PopColours Lets you change the Red/Green/Blue components of any color register, on any screen currently in the system. Uses a movable window with slider gadgets. Very well done. Version 1.0, Nov. 1986. Author: Chris Zamara and Nick Sullivan FF43

PopDir A small utility which 'pops open' to help you look at the contents of a particular directory on demand. Version 1.6 with source. Author: Jonathan Potter FF287, FF204

PopInfo A small utility which pops open to give you information about the status of your devices and memory. This is version 4.0, an update to version 3.0 on disk 242. Binary only. Author: Jonathan Potter FF412, FF242, FF223, FF204, FF172

PopLife A PopCLI type thingie that instead plays life all over your screen. Lots of bits and pieces from Tomas Rokicki's blitlab and John Toebes' PopCLI. Includes source. By Olaf Seibert FF111

PopMenu A set of functions for the setting up, drawing, and handling of pop-up menus that are affixed to windows. Clicking on the menu box area will open up the full menu, with the list of menu items inside. Source and a sample program included. Author: Paul Thomas Miller FF368

Popper Replaces Intuition menus with popup menus which appear under the mouse pointer instead of in the top of the screen. You can also 'rip' menus from the menu-bar and keep them on the screen as a window all the time (or close them with the close gadget, of course). Version 1.1, binary only. Author: Pierre Dak Baillargeon FF900

PopScreen A small hack to pop a hidden screen to the front from the CLI. This was written to allow the author to use VLTjr with other programs that also use custom screens. Source included. Author: Stephen Vermeulen. FF326

PopulousKeys Code words and options descriptions for all 495 worlds of Populous (TM Electronic Arts and Bullfrog Productions). All information was obtained by the author's excessive playing of Populous. Author: Kenneth Fuchs FF531

PopUpMenu A small program that makes it possible for you to use pop-up menus with any program that uses standard intuition menus. Version 5.0, an update to version 4.3 on disk 667. Includes source. Author: Martin Adrian FF756, FF667, FF422

PopUpMenu Example code implementing pop-up menus that are reasonably compatible with Intuition menus. Includes source. Author: Derek Zahn FF96

Porsche A Porsche in an IFF picture. AM6

Port2 Sample C program showing how to control a mouse connected to the second mouse/joystick port. Executable creates a second mouse pointer that is controlled by a mouse plugged into port 2. Version 1.0, includes source. Author: Olaf Barthel FF371

portar Portable archiver. Used to bundle text file up into a single file for transmission as a unit, or otherwise handling as a single file. 'Portable' because the code itself is portable and because the archive format is very simple (uses ASCII headers to separate files). From Decus C distribution. Author: Martin Minow FF2

PortHandler A sample Port-Handler program that performs the functions of the standard Port-Handler. Shows what the BCPL environment looks like from the handler point of view Author: John Toebus VIII FF20

Post An excellent PostScript interpreter for the Amiga which implements the full Adobe language. Supports type 1 and type 3 fonts, screen output, file output, and printer output. This is version 1.86enh, an update to version 1.7 on disk 669. In this enhanced version all AmigaDOS 1.3 compatibility has been removed to facilitate a better, more consistent user interface using GadTools menus and GadTools gadgets, full support for and use of ASL file requesters has been added, many bugs have been fixed, and the source has been upgraded to work with SAS C 6.x. Requires AmigaDOS 2.04 or later. Includes source. Author: Adrian Aylward, enhancements by Robert Poole FF828, FF669, FF518, FF468, FF446, FF408

PostSplit Update of the Pagestream Postscript file splitter found in the PSTools directory of disk 732. Also includes a couple of text files: pgsfonts.lst -a listing of the most common DMF Pagestream font ID numbers. Useful for finding what fonts were used in a document. Adobe.lst - Listing of the ID numbers from the 750 most common Adobe fonts found on the Amiga and PC. Postsplit version 1.05, includes source. Author: Ian Parker FF884

potgo.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

PowerCache A new, user friendly, completely configurable disk caching system. Has tons of features, including a font sensitive GUI, multiple unit caching, selectable read-only or read/write cache mode, cache-in-a-file option, statistics graphs, a low memory handler, a full ARexx interface and more than 100k of AmigaGuide documentation, to mention a few. Online help is (optionally) available everywhere using AmigaGuide. Installs as a simple commodity and is of course hotkey controllable. Requires at least Kickstart 2.04. Certain bonus features require 3.0 or later. Localized, CatComp source included. Version 37.64, binary only, shareware Author: Michael Berg FF910

PowerData Patches AmigaDOS, enabling all programs to read and write files packed with PowerPacker in way that is completely transparent to themselves and the system. Programs will read powerpacked datafiles directly, and will also magically start compressing their own datafiles, as they create or update them. Version 38.200, an update to the version 38.115 on disk number 841. Partially localized for use with Workbench 2.1. Requires Workbench 2.04+. Binary only, shareware. Author: Michael Berg FF906, FF841, FF801

PowerLOGO A powerful and versatile dialect of the LOGO programming language. Includes all of the support for word and list processing program code processing local variables global variables free variables recursion tail recursion etc that you expect from LOGO. Also includes support for demons while loops menus screens windows window graphics turtle graphics reading and writing files optional inputs for procedures mutable lists etc. This is version 1.1 an update to version 1.00 on disk 377. Binary only. Author: Gary Teachout FF635, FF377

PowerPacker A shareware command and data cruncher, with a full intuition user interface. Executable files which are crunched are automatically decrunched upon execution, thus saving precious disk space on systems without hard disks. Version 2.3b, binary only. Author: Nico Francois FF253

PowerPlayer A very powerful, user friendly and system friendly module player. It can handle nearly all module-formats, can read powerpacked & xpk-packed modules and comes along with its own powerful cruncher that uses the lh.library. Has a simple to use interface and an ARexx port. Version 3.9, a major update to version 3.4 on disk 769, binary only, now shareware. (Previous versions were freeware.) Author: Stephan Fuhrmann FF863, FF769, FF704, FF687, FF647

PowerSnap A utility that allows you to use the mouse to mark characters anywhere on the screen, and then paste them somewhere else, such as in another CLI or in a string gadget. Checks what font is used in the window you snap from and will look for the position of the characters automatically. Recognizes all non-proportional fonts of up to 24 pixels wide and of any height. Works with AmigaDOS 2.0 in both shell and WorkBench environments. This is version 2.1b, an update to version 2.0 on disk 726. Binary only. Author: Nico Francois FF781, FF726, FF542, FF467

PowerSource A program for creating and editing intuition gadgets and menus. Previously known as GadgetED (disk 475). Includes a palette editor, generation of either C or assembly source, and binary saving for later loading and editing. This is version 3.0, includes source. Author: Jan van den Baard FF547

PowerVisor A powerful machine language debugger and system monitor designed for the serious Amiga programmer. PowerVisor supports all Amigas and all processors (including the 68040). There are two versions, one for AmigaDOS 2.0 and one for AmigaDOS 1.3 (or 1.2). Among many other things, PowerVisor supports symbols and ARexx (with 215 different ARexx commands). It is also very customizable. The AmigaDOS 2.0 version supports online help with 'AmigaGuide' and is installable with the 2.0 Installer. This is version 1.20. Source for some examples is included. PowerVisor is shareware. Registered users can order the complete PowerVisor source. This is a two part distribution. Author: Jorrit Tyberghein FF734&735, FF638

PowerWindows PowerWindows aids in creation of custom windows, menus, and gadgets. It will write C or assembly source implementing these, for linking with your programs. Binary only. Author: Inovatronics Inc. FF71

PP Patches AmigaDOS and makes decrunching of powerpacked files completely transparent to any program attempting to read such files. This means that any program may work directly on powerpacked datafiles without any need to decrunch these first with PowerPacker. A must for Powerpacker fans. This is version 1.4 an update to version 1.3 on disk 542. Full source is included. Author: Michael Berg FF601, FF542, FF515

PPAnim An anim player for normal IFF ANIM opt 5 (DPaint III,...) files or ANIM files crunched with PowerPacker. The decrunching is done automatically as the file is read. Features many command line options, palette change during animation, full overscan PAL/NTSC support and yet it is only 7K. Compatible with AmigaDOS 2.0. Some new 2.0 features (Asl requester) supported. Version 1.0a, an update to version 1.0 on disk 414. Binary only. Author: Nico Francois FF542, FF414

PPData A small utility for crunching data files using Nico Francois' powerpacker.library. Requires Kickstart 2.0 or later. Includes source. Author: Martin W. Scott FF695

PPDO PowerPackerDataOnly, a CLI/Shell tool which uses the powerpacker.library for (de)crunching data files. Many options available (crunching speed, speed up buffer size, etc.) Version 1.21, first release. Includes source in C. Author: Thies Wellpott FF766

PPLib A shared library to make life easy for people who wish to write programs that support PowerPacker. Loading crunched files from C or assembly is made fast, short and easy. This is release 1.5, an update to version 1.4 on disk 623. Includes example source. Author: Nico Francois FF678, FF623, FF575, FF561, FF414, FF371

PPLoadSeg This program patches the loadseg routine to automatically recognize files crunched with PowerPacker. After running PPLoadSeg crunched libraries and devices are still recognized by AmigaDOS. You can even crunch fonts and use them as normally. Version 1.1 an update to version 1.0 on disk 542. Binary only. Author: Nico Francois FF569, FF542

PPMC The Powerpacker Mini Clone. PPMC is powerpacker.library meeting gadtools.library. It's a OS2.0+ utility, useful for packing and unpacking text and data files. It has a complete CLI interface and is localized under OS2.1 and higher. This is version 1.2c, an update to version 1.2b on disk 812. Some new enhancements as the multiple file packing and/or unpacking under Shell and many code optimizations. Includes Danish, Dutch and French catalogs, a 68030 version, hypertext docu mentation and source for SAS/C. Author: Reza Elghazi FF859, FF812, FF751

PPMore A 'more' replacement program that reads normal ascii text files as well as files crunched with PowerPacker. The crunched files can result in considerable disk space savings. This is version 2.0 an update to version 1.8 on disk 542. Binary only. Author: Nico Francois FF561, FF542, FF371, FF334, FF302

PPrefs Preferable Preferences is a program designed to replace the standard preferences, that is shorter, more efficient, and easier to use. Binary only. Author: Jonathan Potter FF242

PPrint A printing utility, designed for all those who slowly but surely become frustrated with programmers who think that they can do a form feed better than their printer can. This one relies on the printer itself to do the formatting, and on the program to send the settings. Features include a full icon driven user interface, the ability to convert tabs to any size, and the ability to save a number of standard settings. Version 1.10, includes source. Author: Marc Jackisch FF487

PPShow A 'show' program for normal IFF ILBM files or ILBM files crunched with PowerPacker. The decrunching is done auto- matically as the file is read. Version 2.0 an update to version 1.2a on disk 542 binary only. Author: Nico Francois FF561, FF542, FF371, FF334

PPType A 'print' program that will print normal ascii files or files crunched with PowerPacker. Several nice features such as page headers and numbers, adjustable tab sizes, page info taken from preferences and more. Version 1.1a, update to version 1.1 on disk 371, binary only. Author: Nico Francois FF542, FF371

Pr A little utility to print listings in different formats. Similar to the UNIX 'pr' program. With source. By Samuel FF122, FF34, AM15

Practal Modula-2 Buffered Disk I/O: Buffer file input and output to improve disk accessing speed. Author: Michal Todorovic. AC13

PReader An all purpose reader that displays text, pictures, sounds, and animations, all of which may be uncompressed or compressed with a companion compression program (not included). Text can include embedded static or animated illustrations and sounds. Version 5.1, freeware, binary only. Author: Chas A. Wyndham FF543

Prep Version 2.1 of a Fortran preprocessor called 'prep', an alternative to ratfor. Prep has better macro facilities, a concise shorthand for array and vector statements, all the standard flow control constructs of forth, and is written in generic, portable C (I made no source changes). Includes source. By Roger Ove FF65

PrettyWindows Three different C routines to add various borders inside of windows. Includes source and a demo. Author: Thom Robertson FF399

PrFont Prints a sample of each font from the fonts: directory. Draws one line of each font on a custom hires screen which can be printed. This is version 1.4 an update to version 1.3 on disk 305. Binary only. Author: Joel Swank FF606, FF305

printntr.c Sample printer interface code. C program. AM4

Print Small print utility designed to replace the 'copy <filename> to prt:' command. Opens a window displaying

the filename being printed, length, and a status bar showing percent completed. Also includes an abort gadget. V1.0, binary. By Luciano Bertato FF184

Print Utility: A homemade print utility, with some extra added features. Author: Brian Zupke AC9

print.support Printer support routines. Currently won't compile, missing a header file 'local.h'. Author: unknown FF5

Print1.2 Another CLI-based printing utility with several nice features including the ability to print in ASCII or HEX, with or without line numbers and a CTRL-C Trap. Includes source. Author: John F. Zacharias FF174

PrintDump A program that will allow you to view or print out the voice data in a Yamaha 32 voice bulk dump file. Allows you to choose any single voice to display or print, or it will display or print all the voices in the dump file. Includes source. Author: Chuck Brand FF647

Printer driver Text files for building your own printer drivers, including dospecial.c, epsondata.c, init.asm, printer.c, printer.link, printertag.asm, render.c, and wait.asm. AM5

printer Printer pre-release copy of the chapter on printer drivers, from RKM 1.1. AM4

printer Shows how to open and use a printer, does a screen dump of the workbench screen if there is a graphics-capable printer attached. Currently does not compile under Lattice C Ver3.02 and does not link under Lattice C Ver3.03. By Rob Peck 12/1/85 FF5

PrinterCTRL A printer interface program which allows you to send raw HEX and device driver commands to your parallel printer. Also has provisions for printing text files to the printer.device. Makes extensive use of the req.library functions. This is version 1.00, freeware, includes source. Author: Paul Miskovsky FF723

PrinterStealer A program similar in function to 'Cmd' that allows diversion of output destined for the printer to a file for future output or debugging purposes. Binary only, source available from authors. Author: Alex Livshits and J-M. Forgeas FF95

PrinterTip A text file instruction for sending escape sequences to your printer. AM9

PrinText Program to display ASCII text files on the screen with scrollbar, arrow gadgets, automatic word-wrap, a search function, speech, IFF picture loading, and online help. Version 1.2, binary only. Author: Opher Kahane FF90

PrintFiles A freely redistributable print utility to replace the standard workbench Printfiles command. Supports Arexx, application icon, and setting up a print list with unlimited number of entries. Requires OS 2.04. Includes two versions, V1.4e in English and V1.4d in German, an update to V0.91 on disk number 683. Binary only. Author: Karlheinz Klingbeil FF881, FF683, FF632

PrintHandler A custom PRT: driver which offers easy single sheet support as well as limited data spooling. Version 1.6, an almost entirely rewritten update to version 1.1 on FF282. Includes source in 'C'. Author: Olaf Barthel FF352, FF282

PrintImage A simple program that provides an easy way to print IFF ILBM images. Version 1.0, includes source. Author: Olaf 'Olsen' Barthel FF394

PrintIt A program to print IFF pictures on Epson compatible 9-pin printers. Prints in many resolutions, with many ways to convert color pics to black and white. Version 1.0, includes source in Modula-II. Author: Fridtjof Siebert FF234

PrintManager A printer spooler for AmigaDOS 2.0 or later. Works with all programs, whether they use the parallel or serial device, use PRT: or the printer device directly, are printing text or graphics, and has an Intuition interface. Version 1.0, binary only. Author: Nicola Salmoria FF810

PrintPop A utility to enable the user to send some common control settings to the PRT: printer device. When installed, a left-amiga F1 sequence will pop up a small window with various options. Includes source. Author: Robbie Akins FF108

PrintSpool A print-spooling program. Very useful for printing files in the background. Many command-line options. Version 1.0.0, Includes source. Author: Frangois Gagnon FF154

PrintSpool A shared library to easily add text or graphics print spooling to any C or assembly program. Binary only. Author: Jeff Glatt FF463

PrintSpool A small print spooling shared library that provides an easy way to print graphics and text for any application. It can print ascii text of any length or dump any part or all of a rastport. Takes care of opening the printer.device and manages its own resources. Version 0.1, binary only, with source code examples. Author: Jeff Glatt, Dissidents Software FF393

PrintSpooler EXECUTE-based print spool program. AM8

PrintStudio Very nice intuition based general purpose print utility that prints text with a variety of options. Prints several graphic formats with yet more options. Print any part of a picture, print screens and windows, save screens and windows as IFF files, modify color palettes, change printing parameters and lots more! This is version 1.25, an update to version 1.2 on disk 366. Shareware, binary only. Author: Andreas Krebs FF402, FF366

Prism An ANSI editor that allows animations and complete colour control. It is used on many BBS's to create animated screens. Includes a configuration editor, font control, and variable playback speed. New features include automatic line and box drawing, and a special 'Quick Pick' option for accessing extend characters codes. Version 1.5, an update to version 1.4 on disk number 581. Binary only. Authors: Syd Bolton, Chris Timmerberg, and Colin Vernon. FF798, FF581

PrivHndlr A privilege violation handler for the 68010 cpu. Like Decigel, but survives a reboot so you can use it with copy protected programs that run from boot. Version 3, includes source in assembly code. Author: John Veldthuis FF230

PrLabel A utility to print laser printer labels. Support 3x8, 2x8 and 2x7 A4 label sheets. The program may easily be modified for other formats. Also serves as a demonstration of using STSLib for gadgets and menus. Version 1.2, an update to version 1.1 on disk 599. Includes C source. Author: Andrew Martin, SciTech Software FF737, FF599

Proc Example program of how to create a full-fledged DOS process without needing to call LoadSeg first. Based on an idea presented at BADGE. Includes source. By Leo Schwab FF236

ProCalc A program that simulates an HP-11C programmable calculator. Lots of enhancements and bug fixes in Version 1.2, binary only, shareware. Author: Gotz Muller FF172, FF139

proctest Sample code to create a process, set up message ports, pass messages, etc. Sample slave code for create process test (littleproc.c) currently does not link under either Lattice C 3.02 or 3.03 (unresolved global variables not in libraries) By Rob Peck FF5

ProDrivers AmigaDOS 1.3 printer drivers for the IBM 4201 and 4202 series of printers. Version 1.0, binary only. Author: David White FF451

proff Another text formatting program. This one is significantly more powerful than any of the others previously distributed on these disks. FF9

ProffMacros Subset implementations of the Berkeley 'ms' and System V 'mm' macropackages, for the proff program. Author: Tony Andrews and George Walker FF46

Profiler A real time execution profiler for Manx 3.30E. Using this you can identify what sections of your program are using the most time, or being executed the most, and optimize as appropriate. I was able to double the speed of some programs by using this tool. Includes source. Author: Tomas Rokicki FF48

Programming in C on a Floppy System: Begin to develop programs in C with just one megabyte of RAM. Author: Paul Miller. AC11

ProgUtils Some miscellaneous programming utilities and examples. With source in assembly. By Jorrit Tyberghein FF302

ProjMot A Projectile Motion plotter. Plots the path of a projectile fired with a variable initial velocity and angle. Display can be scaled, and time can be accelerated. The program returns the distance traveled and the time it took. This is version 1.01, includes source. Author: Chris Hopps FF453

PropGadget Example code for using proportional gadgets, written in assembly code and C, that can be called from your own application. Includes source. Author: Jerry Trantow FF269, AM21

ProSuite This is the Amiga Programmers Suite Book 1.01. The suite provides example code of facilities that every programmer needs (such as FileIO Requester), provides examples of new facilities (such as XText and DoRequest), and provides a tutorial on how to program the Amiga. With source. By R.J. Mical FF107

prtbase.h Printer device definitions. C program. AM4

PrtDriver A printer driver for the Toshiba '3 in one' printer in its Qume (best) mode. Includes source in C and assembler. By Rico Mariani FF128

PrtDrivers A couple of new Printer Drivers. One for Digital Equipment's LN03+ laser printer, and one for Mannesmann Tally's MT420d dot matrix. Authors: DEC LN03 — Bernie Mentink MT420d — Sascha Wildner FF164

PrtDrvGen Program to automatically generate custom printer drivers. Version 2.2b, binary only, source available from author. Author: Joergen Thomsen FF90, FF60

PrtDrvGen2.3 Latest version of a printer driver generator. AM22

PrtSc Have you ever noticed that there is a PrtSc-key on the numeric keypad? If you press it you'll find that nothing happens, but here's the solution. So if you've ever wanted to have a working PrtSc-key, try this. Requires OS2.0 (V36). Version 1.08, freeware, includes source in assembler. Author: Jan Hagqvist FF897

PrtSpool A DOS handler, a print program, and a control program that implement a print spooling system. Like PRT:, the DOS handler waits for stuff to be sent to it to be printed. The print program does line numbering and page headers. The control program handles administrative functions. Binary only. By Daniel Barrens FF216

Ps A program to display process priorities and another program to set a process's priority to any arbitrary valid value. Very useful to provide finer control over your multitasking environment. Author: Dewi Williams FF26, AM11

PSFonts Postscript font files from the GNU Ghostscript 2.5.2 distribution, for use with the 'Post' postscript interpreter on disk 828. This is a three part distribution. Author: Various, see docs. FF828-30

PSGraph A graphing program with plot previews and encapsulated postscript output. Version 1.0, binary only. Author: Rick Golembiewski FF523

PsIntrp A postscript interpreter that reads postscript files and previews them on an Amiga screen. Interactive input and output takes place in a small window. The page to be show is composed behind the window in an interlaced screen with 16 colors. Can also take input from a file. With assembler source. By Greg Lee FF101

PSound SunRize Industries' sampled sound editor & recorder. AM15

PSTools This is a two part distribution of DVIPS ported from a Unix environment. DVIPS is a program that takes TeX .DVI files and converts them to PostScript files. If you don't have access to a PostScript printer, you can still take advantage of the vast amount of useful documentation in TeX .dvi or PostScript .ps format using the incredibly excellent POST program from FF669. Part one of the distribution contains the DVIPS binary, source and config files; DVIPS documentation; the Adobe Font Metric Files, TeX vf font files and LaTeX files. Part 2 of the distribution contains the TeX pk font files and the TeX tfm font files. Includes DICE C-source. Author: Originally from DECUS, Amiga port by Jonathan Hudson FF795

PSUtils Some cli utilities for the manipulation of PostScript files. Includes: psbook rearranges pages into signatures; psnup uses pstops to merge multiple pages per sheet; psselect selects pages and page ranges; pstops performs general page rearrangement and selection; and epsffit fits an EPSF file to a given bounding box. Includes source. Author: Angus Duggan, amiga port by Jonathan Hudson FF797

PSUtils Some utilities for postscript and adobe fonts. Resetadobe (version 1.0) is a program to modify the AFM files of adobe fonts which do not appear to have the correct spacing after being generated by AFM2PFM. Postsplit (version 1.0) is a program to split a color PageStream postscript file into individual color/page files for multipass printing. PFM2AFM (version 1.0) generates AFM files for adobe fonts. T1Utils is a set of adobe font manipulation tools including a font disassembler. Author: I. Parker, D. Spencer, Ken Borgendale, Lee Hetherinton FF732

PSX A public screen manager for AmigaDOS 2.0. Lets you open, manipulate, and close public screens, set the global public screen bits, and provides a good example of using GadTools and ReadArgs. Version 1.1, an update to version on disk 418. Includes source. Author: Steve Tibbett FF483, FF371

PtrAnim Program, includes lots of samples, a utility program and instructions on creating your own animations. Be sure to also read the 'Disclaimer' in the author's ReadMeFirst file. Binary only, shareware Author: Tim Kemp FF170

PubChange PubChange is a commodity for AmigaDos 2.04. It isn't a public screen manager, but it is useful when used in conjunction with one. It is designed to make public screens easier to use. Whenever a new screen is brought to the front, this screen is examined. If it is a public screen, it is made into the default automatically without having to explicitly do it from within a public screen manager. Thus, the current default public screen is always the one which you have most recently brought to the front, and applications which use the default public screen will appear there. Version 1.2, an update to version 1.0 on disk 771. This version fixes two serious bugs and adds minor features. Binary only. Author: Steve Koren FF804, FF771

PublicManager Public screen tool which opens public screens which are freely configurable (depth, size, font, etc) and have their own menu (palette, quit, tools, etc). Includes two little tools to modify the public screen modes and the default public screen. Version 1.2, freeware, includes source in C and assembly. Author: Michael Watzl FF685

PublicService A screen clock intended for those whose day revolves around a series of breaks; this one counts down the minutes to each break and complains if you're at the Amiga outside working hours! All break times are contained in a small text file (example given). Times are expressed in words rather than numbers. Includes source. Author: Michael Warner FF592

PubScreens Two utilities to manipulate public screens. You can open and close them, or ask for information. PublicS is the workbench version of PubScreen. AmigaDOS 2.0 only. This is version 1.0, binary only. Author: Jorrit Tyberghein FF418

Purty Provides an easy way to change some common printer settings via a small window with several gadgets. Binary only. Author: Charles Tyson FF66

PushOver A neat little board strategy game, in AmigaBASIC. Push your pieces onto the board until you get five in a row in any direction. Includes source. Author: Russ Yost FF122

PUZZ Very nice implementation of the sliding-block-puzzle concept. Good graphics and the ability to create your own puzzles using an IFF ILBM file and a text file. Includes source and several sample puzzles. Version 1.0. Author: Martin Round FF362

Puzzle Simulation of a puzzle with moving square tiles. Executable only Author: Bill Beogelein FF32

PuzzlePro Create a puzzle from an IFF picture, which the user can then piece back together again. Written in AmigaBASIC. Version 1.0, binary only, shareware, source available from author. Author: Syd Bolton FF122

PWDemo Demo version 1.2 of the commercial product. FF71

PWKeys An input handler that allows you to manipulate windows and screens by pressing keys on the keyboard. It currently lets you perform 25 different functions. Features include mouse blanking, screen blanking, mouse acceleration, 'sun mouse', mouse/keyboard locking, and an interactive program to define hotkeys and other settings. This is version 2.0, an update to version 1.0 on disk 483. Includes source in assembler. Author: Preben Nielsen FF494, FF483

PW_Utility A shareware utility for ProWrite users, changes margin settings and font types. AM25

Pyramid A program that create pyramids under the POV raytracer authorizing the user to set up parameters such as the height, the texture, the number of stages, etc... and that allows one to choose the pyramid as desired. French and English versions, with two example pictures. Version 2.0, Binary only. Author: Nicolas Mougel FF886

Pyro A screen blanking program that goes beyond the normal blanking process. When there are no input events, pyro takes over and starts a little fireworks display in color. V1.1, binary only. Author: Steve Jacobs and Jim Boyd FF199

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Last Minute Additions

Pyth A program to draw the Tree of Pythagoras. Version 1.1, includes source. Author: Andreas Krebs FF238

Pz15 Computer version of those cheap plastic puzzles with 15 white tiles numbered 1 through 15 and an empty square in a 4 by 4 arrangement. This one is more challenging since you can't solve it by just prying out the pieces. With source. By Mike Hall FF191

QBase Quick-Base is a 'MailBase Management utility', that lets you define and maintain records of your family, friends, and other associates. Currently a maximum of 200 records per file. Binary only. Author: Kevin Harris FF98

QC A small CLI command that returns information about the current shell. Such as: the shell/cli process number, the prompt used, the current directory, the default stack size, the current FAILAT level, the DOS error that occurred with the last command run, the return code of the last command, and more. Version 1.10, freeware, binary only. Author: Chris Vandierendonck FF788

QCD QuickCD is a program written in assembly to quickly change directories in the current CLI/SHELL with the mouse and a file requester. Ten often used directories can be saved to a config file and quickly selected. Any unused entries are used to temporarily store the directories you have recently visited and any of these can be easily and quickly selected or saved with the mouse or a function key. Requires AmigaDOS V2.0x. Version 1.03 binary only. Author: Nic Wilson FF626

QDisk A WorkBench 2.x/3.x equivalent to the cli info command and more. QDisk will monitor your AMIGA DOS devices at specified intervals defined by tool types. There are also tool types to position all windows and set a warning flag when space usage becomes high. Version 1.1, an update to version 1.0 on disk number 853. Binary only. Author: Norman Baccari FF903, FF853

QMan Mandelbrot generator written partially in assembly for speed. Includes source. Author: Steve Bonner FF130

QMouse A very small mouse accelerator (4K) written in assembly language, but with most of the features of its larger cousins. Not related to QMouse on disk 49. This is version 1.6, shareware, binary only. Author: Lyman Epp FF262, FF49

QMouse An unusually small and feature-packed 'mouse utility'. Was inspired by, but not derived from, the original QMouse by Lyman Epp. Features include automatic window activation (like WindX), top-line blanking for A3000/A2320 users, systemfriendly mouse blanking, mouse acceleration/threshold, 'PopCLI', click-to-front/back, 'SunMouse', 'NoClick', 'WildStar', Northgate key remapping, and more. Requires Kickstart 2.0, but is not a commodity. Only 3K. Version 2.30, an update to version 2.21 on disk 789. Public domain, assembly source included. Author: Dan Babcock FF802, FF789, FF731, FF697

qsort.asm UNIX compatible qsort() function, source and C test program. Assembler program. AM2

Qt2 A cute program that gives the time the way many people actually do, I.E. 'it's nearly ten to five'. Includes source in assembly. By Charlie Gibb FF186

Quantizer FLCLQ color quantizer which converts 24-bit true color images into 256, or less, color images. Uses a fairly sophisticated algorithm, mixing median-cut, popularity, and a custom algorithm. Includes a version for Amiga's with a math coprocessor. Version 1.0, shareware, binary only. Author: Christophe Labouisse and Frederic Louguet FF416

Quattro Another Tetris like program. Has three levels of play difficulty, sound effects, a 43-color background, next stone preview, and joystick or numberpad control. Version 1.0, binary only, source available from author. Author: Karl-Erik Jenss FF230

QueryAny Simple program for use in CLI scripts to query for yes/no decisions. Includes assembler source. By Mark Smith FF79

queryWB asks Yes or No from the user returns exit code. Source code and executable program. AM14

Quest General purpose interactive AREXX question/answer routine that includes a very funny script ('HackerTest') to rate your 'computerese' and hacker ability. Quest can be used for any similiar type question-answer script. The original hackertest was created by Felix Lee, John Hayes and Angela Thomas in September 1989. Author: Erik Lundevall FF773

Questionatort A program to create update and present multiple choice questionnaires. Version 1.07 shareware source available from author. Author: Erik Von Raspator FF582

Quick A utility program specifically targeted at hard drive users to eliminate the frustration of launching programs on the Amiga. It eliminates the need to open Workbench windows and/or remember and type in long pathnames to executables. Version 1.0, binary only. Author: Greg Gorby FF453

quick A quick disk-to-disk nibble copier. Executable program and documentation. AM12, AM1

QuickCopy Three versions of quickcopy, a nice little full diskcopier. Two of the versions are capable of making backups of 'protected' Electronic Art's disks. By Dave Devenport FF35

quickEA Program copies Electronic Arts disks, removes protection. Executable program and documentation. AM12

QuickFile A flexible, fast and easy to use flat file database using random access with intelligent buffering to minimise disk access, multiple indexes for fast access to records, form and list style screens and reports, and fast sorting and searching. Files are quickly and easily defined, and fields can be added, changed, or deleted at any time. Version 1.2, shareware, binary only Author: Alan Wigginton FF820

QuickFlix An IFF slideshow and cel animation program that takes full advantage of the Amiga's multitasking operating system, supports all the graphics modes, can run with internal timing or be triggered by an external source, caches images in memory to achieve rapid frame rate, etc. V 0.13, binary, shareware. By Jeff Kunzelman, Rodney Iwashina, Takeshi Suganuma FF106, AM24

QuickHelp With the QuickHelp utilities you can make your own help files like man in UNIX (it is not compatible however). AmigaDOS 2.0 only. Version 2.0, binary only. Author: Jorrit Tyberghein FF420, FF302

QuickReq An 'Ask utility' to replace the 'ask' command from AmigaDOS. QuickReq can load arguments from files thus making it possible to handle long questions and texts. Also supports optional line breaks in BodyText, an option to center text to window, DisplayBeep when requester is activated, setting your own FrontPen number, specifying requesters width and height and all kinds of overscan displays. First public release. Version 2.0, includes source. Author: Markus Aalto FF457

QuickTrans All 17 functions of mathtrans.library and also of mathieeesingtras.library. Faster and about as accurate as Commodore's libraries. Mathtrans.library trig functions over twice as fast; log and exponential about 3 times as fast. Mathtrans. library is update of quicktrans on disk number 592. Mathieeesingtrans.library is new, with most speed gains comparable to those of mathtrans.library. Log and tan are about 4 times as fast as Commodore's. Version 100, binary only. Author: Martin Combs FF884, FF592

Quiz A simple Quiz game. Current quiz subjects include Bible, Indians, New England, Physics, and States. Binary only. Author: J. Dale Holt FF417

Quotes Quotes is a pseudo-random quote generator. It will scan a specified file of quotes, pick one at random, and display it. Great for startup-sequences. CLI-only. Version 1.0, includes source. Author: Adam Evans FF516

QView A very small file view program (only 3K) written in assembly language, but with most of the features of its larger cousins. V 1.1, shareware, binary only. By Lyman Epp FF262

RachelRaccoon A set of hand-drawn 'Eric-Schwartz-animation-style' pictures of a new cartoon character. The pictures are overscanned hires-interlace (704x480) and are provided in 16-color, 8-color, and 4-color flavors so you can use them for Workbench backdrop pictures. The colors are arranged so that at least on Workbench 2.x you will have standard looking titlebars. Author: Leslie Dietz FF780

RADBack A shareware utility that can make a backup of a RAD disk to a normal 880K Amiga disk, regardless of its length bigger RADs are saved on more disks. Can be started from the Workbench as well as from CLI. Version 1.0, binary only. Author: Sandi Tomsic FF791

RadBoogie This demo, which won 7th place in the 1989 BADGE Killer Demo Contest, uses almost all features of the Amiga extensively, including the copper, blitter, sprite hardware, 68000 machine language, and preemptive prioritized multitasking. With source. By Dave Quick, Mark Riley, Tomas Rokicki FF269

RaiderGame Raider 3DX is a classic space strategy game for X-Specs 3D. Search for enemy on a 3D map of the galaxy. Warp transport to trouble spots and protect the Federation bases. Blast the enemy with your energy torpedoes. But watch your own energy reserves since you are the last hope of the galaxy. Digitized sound. Amazing 3D action. Requires X-Specs 3D glasses. Binary only. Author: Richard Horne FF544

RainBench Simple program which cycles the hardware color register to get an interesting effect on your workbench screen. Binary only. Author: Brendan Keliher FF90

RainBow Marauder-style rainbow generator. Installs a user copper list such that the background color is changed every few scan lines. Includes source. Author: John Hodgson FF58

RAMCopy A copy program designed for machines with 1 meg or more of RAM and only one disk drive. Allows you to copy a complete disk in only one pass. Author: Stephen Gunn FF165

RAMdisks Text file with tips on setting up your RAM disk. AM1

RAMSpeed Program to measure raw memory speed, comparing the internal to the external memory. By Perry Kivolowitz FF31

Random Random number generator in assembly. Much faster than versions using floating point. Can be used by either assembly or C programs. Author: Steve Beats at Commodore-Amiga FF20

Random Simple random number generator in C. Includes source. Author: Gene Toole(?) FF74

random-circles One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

RandSam Plays random soundsamples at random times, with random volume, random cycles, and a bit random period. It will definitely catch the attention of the unsuspecting Amiga user (particularly one that has the stereo turned up!) when a lion suddenly roars as they're typing away on their favorite word processor! User modifiable start-up configuration file. Include source and some sample sounds. Author: Steven Lagerwelj FF363

RatMaze 3D rat maze game in AmigaBASIC. AM8

raw Example sample window I/O. C program. AM1

RawIO Example of how to set your standard input to what is commonly known as 'raw' and/or 'CBREAK' mode on UNIX systems. Includes source. Author: Chuck McManis FF85

RayDance Demo version of the RayDance raytracer. This is a fully functional version except that it requires clicking on a continuation prompt after every 15 minutes of rendering time and the total number of polygons and spheres in a scene is limited to approximately 1400. Includes both software and hardware floating point versions. Requires a minimum of 1Mb of ram. Version 1.0 binary only. Author: Charles Comstock FF585

RayShade Rayshade is a ray tracing program ported to the Amiga from UNIX. Rayshade's features include eleven types of primitives, composite objects; several types of light sources, texturing, bump mapping, antialiasing, linear transformations, rendering of stereo pairs, rudimentary animation support, and more. Includes some example input files, original sources in C, and diffs for the Amiga. Version 4.0PL6, Amiga Release 0.5, an update to version 4.0PL6 Amiga Release 0.4 on disk 679. Author: Craig Kolb, Rod Bogart, Martin Hohl, et. al. FF707, FF679, FF596

RayTracePics Ray tracing pictures, some of which appeared on FF39, but now in IFF HAM format for MUCH faster loading and compatibility with existing IFF tools. Author: Dave Wecker FF44

RayTracer A simple ray tracing program. It is capable of depicting up to 150 balls and a plane that is covered with a tiling of any bit mapped picture. Binary only and sparse documentation. Author: Friedrich Knauss, Steve Williams, Jim Horn and Mark Reichert FF66

RCS The Revision Control System (RCS) manages multiple revisions of text files. RCS automates the storing, retrieval, logging, identification, and merging of revisions. RCS is useful for text that is revised frequently, for example programs, documentation, graphics, papers, form letters, etc. This is an update to RCS version 1.2 on disks 281 and 282, and includes only the files that have changed. Author: Walter Tichy. Amiga port by Raymond Brand and Rick Schaeffer. FF451, FF281&282

RDBInfo Reads the RigidDiskBlock of the unit and device given as arguments, then displays the most interesting parts. Version 0.17, Binary only. Author: Gérard Cornu FF779

RDM A fast, small, efficent and easy to use DirUtility with UNIX-compress compatible packer and endless number of configurable buttons, as well as all the usual features. This is Version 0.99, the DEMO version of 1.0, which can be ordered from author. Shareware, binary only. Author: Reginald Lowack FF658

Reader A program to scan a word list to locate which words can be made from the letters given. Allows matching of words by length and by giving the letters known, ie. m.t.h for the word MATCH. Great for word games and crosswords. Results output to screen and a RAM: based file. The word list is in ascii and so can be edited if desired. New words can be added and it could be used for different languages if required. Supplied with over 24,200 words (mostly English spellings). Version 1.0, includes source. Author: Gary Brittain FF432

Readme One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

ReadmeMaster A nifty little database for finding those programs that you know exist somewhere (???) in the AmigaLibDisk library. Maintains a keyword dictionary of the Contents descriptions that allows searching by disk number, program title, author's name, or some other descriptive word. Currently supports disks 1-360, an update to the version on disk number 163. Binary only. Author: Harold Morash FF390, FF163

ReadRefs A tool that brings the ability of references file loadings to any editor that can call ARexx scripts or batch files. It does a fast searching and is compatible to the format of the DMe and autodoc refs files. Includes sample scripts for TurboText and DMe. Version 1.1, binary only, freeware. OS 2.xx only. Author: Hans-Peter Guenther FF763

Reboot A program which reboots your Amiga by calling exec's Cold- Reboot() function. This is version 1.02. Includes source in C. Author: Stefan Sticht FF497

Recolor A fully configurable icon recoloring tool that can swap or shift the colors of selected icons and truncate the depth of the icon color map. Binary only. Author: Michael Sinz FF490

Record-Replay A program that records a sequence of mouse and keyboard events as they occur and stores them in a file. The file can be played back to cause the same sequence of events to occur again. Very useful for creating demonstrations of programs or documenting repeatable bugs. This is version 2.0, an update to the version on disk 95. Shareware, binary only. Author: Alex Livshits and J-M. Forgeas FF105, FF95

RecurDir A recursive directory program that is useful as an aid in ZOOing files in nested directories. Allows one to easily ZOO the complete contents of a disk. With source. By Stephen Vermeulen FF284

Redaktu A PostScript program which runs on PixelScript to edit other PostScript programs. Several examples and a detailed explanation are included. Author: John Starling FF454

ReDate Scans a disk and dates each directory according to the most recent item contained within (not including .info files). Ideal for use after a COPY ALL CLONE, where the directories are CREATED rather than copied and thus lose their date information. Includes source in assembler. Author: Jim Butterfield FF358

ReflexFinal A game which tests your addition, subtraction, division, multiplication, percentage, and algebra skills. The goal is to answer several math questions in the shortest possible time. A continuation to 'ReflexTest' on disk number 751. Binary only. Author: Jason Lowe FF793

ReflexTest A game which tests your addition, subtraction, or multiplication skills. The goal is to answer several math

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questions in the shortest possible time. A continuation to the version found on disk number 713. Binary only. Author: Jason Lowe FF751, FF713

Regex An Amiga shared library version of the GNU regular expression package from the Free Software Foundation. A regular expression is a concise method of describing a pattern of characters in a string. By use of special wildcards, almost any pattern can be described. A regular expression pattern can be used for searching strings in such programs as editors or other string handling programs. Version 1.0, includes source. Author: Edwin Hoogerbeets, FSF, Jim Mackraz FF248

Regexp A nearly-public-domain reimplementation of the V8 regexp(3) package. Gives C programs the ability to use egrep-style regular expressions, and does it in a much cleaner fashion than the analogous routines in SysV. With source. By Henry Spencer FF179

RegExpLib Shared library that implements regular expression pattern matching. Version 1.0, binary only. Author: Stephen Moehle FF444

regintes.c Region test program. C program. AM4

region Demonstrates how a drawing area can be split into linked rectangular regions. Draws a rectangle in a single playfield display, then draws 'Behind a Fence' several times behind an apparent fence in the rectangle. Only works under Lattice Ver3.03. Author: Rob Peck FF5

RemapIcon A utility to remap icons to be exchanged between Kickstart 2.0 and Kickstart 1.2/1.3 Workbench environments. The icon images are remapped to reflect the different colour palette used by the Workbench releases. Version 1.0, includes source. Author: Olaf Barthel FF372

RemapInfo An icon color remapping tool that swaps the colors black and white. The program runs on 1.3 but when run on 2.0 it supports the AppIcon feature. It allows you to drag all icons you wish to remap on RemapInfo's AppIcon to recolor them. Version 1.1 an update to version 1.0 on disk 542. Binary only. Author: Nico Francois FF623, FF542

REMCR V1.00 Utility to remove CR's in files FF168 & 169

RemLib A little CLI tool that closes the specified libraries in a system-friendly way. Ability to specify multiple libraries with return status about the success of each one. Codesize about 2 KB. Version 1.2, OS 2.xx only, includes source in C. Public domain. Author: Hans-Peter Guenther FF761

RemLib Removes a specified library (if currently unused) or displays some information about all available libraries. Version 1.11, includes source in assembler. By Heiko Rath FF178, FF139

RemoteLogin A couple of programs which make possible remote access to your Amiga. One program checks the serial port for an incoming call, and starts a program when it is detected. The other is a password protection program which allows starting various programs based upon login id, thus providing some minimal security for your computer. With source. By Dave Kinzer FF247

ReOrg ReOrg is a fast disk optimizer that can be used for floppy disks and hard disks. Supports new Kickstart 2.04 features including hard and soft links and High-Density drives. In- cludes program versions in English and German for use with Kickstart 2.04 only. This is version 2.31, an update to ver- sion 2.3 on disk 699. Shareware, binary only. Author: Holger Kruse FF716, FF699, FF678

Replex REPLace EXecutable. This handy patch substitutes program names that are about to be executed, e.g. if an icon default tool specifies ':c/MuchMore' and you prefer to use 'c:TextRead', you can have it defined as such, so you never have to change the icon. Intuition interface allows up to 8 such definitions. Compatible with all known OS versions. This is version 1.0, binary only. Author: Ekke Verheul FF791

RepString Nice little CLI utility to replace any type of string in any type of file with another string of any type. V1.0, binary only, shareware. By Luciano Bertato FF180

Req An enhanced version of the interface to req.library for Aztec C 5.0. Pragmas supplied and glues put in a library rather than in an object file. Includes source in asm. Version 1.1. Author: Pierre Carrette FF540

ReqAztec An enhanced version of the interface to req.library for Aztec C 5.0. Includes source in assembly. Author: Pierre Carrette. FF419

ReqChange A little program that patches the system requesters to use the similar requesters in ReqTools.library. It also patches the ARP requester and all requesters in Req.library. It is very flexible, allowing you to modify where the requester should appear, which of the libraries to patch, etc. Includes a pair of small utility programs, GetFile and ReqAsk, that can be used in scripts to put up file requesters or other requesters. Version 1.08, includes source. Author: Magnus Holmgren FF682

ReqLib A runtime, reentrant library designed to make it easier for programmers to use powerful, easy to use requesters, for communicating with users. Includes such functions as a color requester, file requester, message display requester and many functions to make the creation of gadgets for your own custom requesters easier. This is version 2.5, an update to version 1.2 on disk 400. Binary only. Author: Colin Fox and Bruce Dawson FF419, FF400

ReqLibrary A Modula-2 interface to Colin Fox's and Bruce Dawson's 'req.library' v2.5. This is version 1.01. Includes source in Modula-2. Author: Jürgen Zimmermann FF563

ReqTools A standard Amiga shared runtime library which makes it a lot quicker and easier to build standard requesters into your programs. Designed with CBM's style guidelines in mind, so that the resulting requesters have the look and feel of AmigaDOS 2.0. Version 2.1a, lots of enhancements since release 1.0d on disk 623. Includes a demo and glue/demo sources. Author: Nico Francois FF794, FF623, FF575, FF561

Request Opens the OS 2.0 autorequester from script files. Title, text, gadgets and publicscreen of the requester can be changed by commandline options. Requires at least AmigaOS 2.04. Version 1.04, an update to version 1.00 on disk 497. Includes source in C. Author: Stefan Sticht FF868, FF497

Requester A file name requester that looks like the one used in Deluxe Paint, and a sample program for using the requester. With source. By Kevin Clague, enhancements by Randy Finch FF84, FF34, AM9

requesters Sample program and documentation for building and using requesters. John worked REAL hard to dig out all the information in this one! Author: John Draper (aka 'crunch') FF1

ResAnalyzer An OS 2.04 compatible ResModules monitor. ResAnalyzer can show you all information related to Captures, KickMemPtr, KickTagPtr, KickChkSum and ResModules entries in the ExecBase structure. A great help for resident modules developers and for people who want to check if something (like a virus) is resident in memory. ResAnalyzer can detect ResModules OS 2.04 system flags. Version 2.2, binary only. Author: Silvio Umberto Zanzi FF678

Rescue A non-multitasking shoot'em up game with smooth scrolling in three directions, four different pieces of music, highscore list, cheat mode, etc. Automatically notices if started on an NTSC or PAL machine, and uses full PAL screen or NTSC overscan screen. Binary only, shareware. Author: Tobias Eckert FF690

ResetHandler Installs a handler in the keyboard.device reset handler list that is called when you press CTRL-Amiga-Amiga. It opens a window and counts down from 9 to 0 in ten seconds and then resets the machine. This gives the machine extra time to do vital things like validating disks and gives you time to reconsider the reboot. Version 1.0 includes source. Author: Stefan Becker FF572

Resident A resident startup module for Aztec C. Version 1.0, includes source. Author: Olaf 'Olsen' Barthel FF396

Resize A font-sensitive utility to change the dimensions of the shell window. Offers two options: Reporting the current dimensions of the shell window and setting new ones. Includes source. Author: Bernd Raschke FF894

ReSourceDemo Demo version of the commercial disassembler. Very fast, intelligent, interactive. Over 900 menu functions. Most of the Amiga structure names are available at the touch of a key (user-defined structures also supported). Base-relative addressing, using any address register, is supported for disassembling C programs. Choice of traditional 68K syntax or the new M68000 Family syntax. Online hypertext help. Requires minimum 1 MB of ram, OS V1.3 or greater, and arp.library. Version 5.12, an update to version 3.06 on disk number 232, binary only. Author: Glen McDiarmid FF852, FF232, FF192

Retab Useful command-line 'tab-to-space' and 'space-to-tab' expansion utility. Several command-line options to specify size/settings and the ability to protect material enclosed by delimiters (quotes, brackets, carats, etc.) from expansion. Version 1.03, binary only. Author: Paul Klink FF389

ReturnCode Two Short programs (LogRC and GetRC) to allow the 'Return Code' left by a previous program to be saved in a form suitable for further (script) testing. GetRC allows the Return Code to be set or viewed as desired. Assembly source included. Author: Jim Butterfield FF502

RevBut Another InputEvent hack, giving you a toggling right mouse button. V 1.0,with source. By Michael Balzer FF332

Revenge A fast-action game with horizontal scrolling in which you control a laser-spitting Camel while destroying hordes of weird enemies who are after your hump. Collect bonuses on the way to obtain more devastating weaponry. In 2-Player & CPU-Assist modes an Ancipital-creature joins the Camel to make a team. Stereo phased samples 42 levels in several zones. 512K-NTSC version. 1MEG and/or PAL versions avail- able upon registration. Shareware binary only. Author: YaK Llamasoft UK FF617

Revenge Revenge of the Blob, an animated interpretation using Bill Watterson's original cartoon strip character 'Calvin'. Tells the story of Calvin's encounter with his mother's food, and how the dreaded tapioca monster gets back at Calvin for turning his nose up at it. Version 1.0. Author: David Wiles FF816

Reversi Plays the classical reversi game on an 8 x 8 square field. Version 2.0, an update to version 1.2 on disk 245. Includes source in assembly language. Author: Marc Fischlin FF305, FF245, FF38

Reversi Version of the well known game. Features an 'intelligent' computer opponent. Includes source in Modula II. Author: Robert Brandner FF549

RevHead REVHEAD is a program for generating info files for your existing sourcecodes/executables. The info data is stored in a separate file. Features Kick/WB 2.0 environment. Version 1.05. Freeware. Binary only. Author: Carsten Raufuß FF584

RexxArpLib A library which originally was supposed to be an ARexx interface to the ARP library. However, it has also become an interface to various Intuition functions, containing over 50 functions including a file requester, string/boolean requester, environment variable functions, simple message window, wildcard expander, etc. V2.3, an update to FF178. Binary only. Author: W.G.J. Langeveld FF227, FF178

RexxHostLib This is a shared library package to simplify the ARexx host creation/management procedure. Rexx-message parsing is also included making it possible to control ARexx from programs such as AmigaBASIC (can you imagine AmigaBASIC controlling AmigaTeX?). This is version 37.1, an update to version 36.14 on disk 403. This version has been updated for use with Kick- start 2.0. Includes source in 'C' and assembly language. Author: Olaf 'Olsen' Barthel FF682, FF403, FF355, FF325

RexxIntuition This is a ARexx function library that allows you to open windows/screens from an ARexx script, attach menus, gadgets, (file) requesters, load and save ILBM picture files, auto-requesters, print text and graphic dumps, and completely interact with the user in an intuition environment. Adds all of those Amiga features that ARexx lacks. Author: Jeff Glatt, Dissidents Software FF463, FF393

RexxLib A shared library that can be easily used by any C or assembly programmer to add an ARexx interface to his programs. Handles all of the messy details including message creation/deletion and error handling. Author: Jeff Glatt, Dissidents Software FF463, FF393

RexxMathLib A library which makes various high level math functions such as sin, tangent, log, etc, available in ARexx. V1.2 and 1.3, binary only. Author: W.G.J. Langeveld FF227

RexxPlPlot A library of C functions useful for scientific plotting on the Amiga. The library is Lattice C compatible. Contour plotting, three dimensional plotting, axis redefinition, log-log plotting and multiple subpages are a few of Plplot's features. The plots can be displayed on a monitor or sent to a graphics file for subsequent printing. This is RexxPlPlot version 0.3, an update to Plplot version 1.00 on disk 222. New features include an ARexx interface, support for IFF output, support for PostScript output, support for Preferences, some new functions, bug fixes, and more. Includes source. Author: Tony Richardson, Samuel Paolucci, Glenn Lewis and Tomas Rokicki FF306

REXXProgs Some good, well-commented, examples of REXX programming. Includes Palette.rexx, an ARexx tutorial on using the rexxarplib.library to open a window (in this case a color palette) on any public screen and send messages to another ARexx process. ShoList.rexx, displays system lists (libraries, ports, tasks, etc.) and Sz.rexx, Displays alphabetically sorted directory with filesizes. CLI only. Author: Richard Lee Stockton FF773

RexxRMF ARexx Record Management Functions library is an ARexx external function library which provides keyed file access using AVL trees. With this library one can index data files for fast search/retrieval of data records. The record management functions allow for variable length keys variable length records variable number of fields per record multiple indices on a single file duplicate or unique keys passing of record data directly to/from ARexx variables etc. This is version 1.8 an update to version 0.5 on disk 559. Binary only. Author: Ronnie E. Kelly FF629, FF559

RexxVIew Monitors messages sent to the REXX port. Messages are described by task, action code and modifiers, and the contents of arg0 slot is displayed. CLI utility to monitor the REXX IPC hub for Arexx programmers and interfacers. Version 1.01, includes JForth source. Author: Martin C. Kees FF516

rgb One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

rgbtest One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Rhodes piano Sound demonstration icon-driven part of a set on AMICUS 10 AM10

RickParksArt A collection of artwork from one of the leading Amiga artists. Includes 'Bryce', 'Clipper', 'Einstein', 'Falconer', 'Lincoln', 'Lion', 'Mickey', 'Norman', and 'Stymie'. Superb hand drawn images with lots of detail. Author: Rick Parks FF426

Riff A little iff reader written in modula-2, M2amiga. Version 1.1, includes source. Author: Marcel Timmermans FF896, FF732

RingWar A classic arcade game of reflexes. The graphics are based on the vector style of the old arcade games such as Asteroids and Tempest. The goal of the game is to penetrate through the three rotating rings and hit the five pointed star in the ringship at the center of the rings while avoiding randomly appearing mines and the ringship firing back at you. Binary only. Author: Eric Bazan FF604

Ripples This animation is one of Allen Hastings' entries to the Badge Killer Demo Contest. Unlike most other animations, it shows a fixed object from a moving point of view, rather than a moving object from a fixed point of view. By Allen Hastings FF127

RistiNolla A Finnish game. The name means something like CrossZero, and is also called Go-Moku. Version 1.0, shareware, binary only. Author: Mika Pihlajamaki FF106

RIVer Many programs contain in their binary code an embedded version ID, which is used by the AmigaDOS command 'Version'. RIVer is not a replacement for this command, but rather an extension. RIVer enables you to add this embedded version ID as a comment, or to print it in a table where each field of the ID is clearly printed. Version 2.00, freeware, binary only. Author: Chris Vandierendonck FF787

RKMCompanion A two disk set of material created by Commodore for use with the 1.3 revison of the Amiga ROM Kernel Reference Manual, Libraries and Devices, published by Addison-Wesley. Almost 300 files, including C source code examples and executables, have been packed into two lharc archives, one for each disk of the two disk set. These examples are not public domain, but may be used and distributed under the conditions specified in the copyrights. Author: Commodore Business Machines, Inc. FF344

RKRM_Devices Part one of a four part distribution of complete source code and executables of all the examples in the third edition Amiga ROM Kernel Reference Manuals,

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published by Addison-Wesley. Part two is on this disk and parts three and four can be found on disk 742. Author: Commodore CATS FF741& FF742

RKRM_Lib1(LIB1-3) Part two of a four part distribution of complete source code and executables of all the examples in the third edition Amiga ROM Kernel Reference Manuals, published by Addison-Wesley. Part one is on this disk and parts three and four can be found on disk 742. Author: Commodore CATS FF741& FF742

RMBShift A program that lets you use the right mousebutton (RMB) as a SHIFT-key. Useful when selecting multiple icons on the Workbench. Only uses 268 bytes of memory. This is version 2.0 an update to 1.0 on disk 547. However it is completely different from 1.0. Includes source in assembler. Author: Preben Nielsen FF555, FF547

RoachMotel A game where the object is to collect all the spray cans to complete the level. If you touch any creatures you will lose one life, except when stomping on a roach or hitting a roach or boyd with your head while wearing the toupee. Written in AMOS, binary only. Author: Ryan Scott FF807

RoadRoute A program that determines from a user modifiable data base the shortest and fastest routes between two cities. This is a German version of the distribution on disk 504 with 2641 German cities (towns hamlets etc) and 5555 connecting roads. Requires 1Mb. Binary only. Author: Jim Butterfield Gunter Kirrbach FF553, FF504, FF396, FF358, FF328, FF251

Robert Grey scale digitization of a startled young man, an IFF picture. AM7

Robot A picture of a robot arm grabbing a cylinder. AM12

Robot IFF picture of toy robot. AM7

Robotroff Another of Leo's cute little display hacks. This one has a definite attraction to pointers (don't want to spoil the surprise) Author: Leo Schwab FF59

Robouldix Playable demo of a game based on BoulderDash. Uses 32 colour graphics, senses and adapts to PAL and NTSC. Over 500 different objects in the registered version. (About 40 in the demo version). Requires at least one megabyte of memory. Binary only. Author: Svante Berglund, Patrik Grip-Jansson FF900

Rocket Another interesting Workbench display hack. This one is really a game in disguise. It is the same as the one on FF82, but also includes source. Author: Peter daSilva FF85, FF82

Rocket Another program in the long tradition of screen hacks. This one zeroes in on your mouse pointer. Binary only. Author: Lars Clausen FF303

Rocky Another Boulderdash clone. This one multi-tasks and accepts keyboard or joystick inputs. Loads of game levels. This is version 1.0. Includes source in assembly. Author: Laurence Vanhelsuwé FF629

roff A 'roff' type text formatter, roughly following 'Software Tools' version. Somewhat upwardly compatible with UNIX 'nroff' command. Author Ken Yap FF3

RolandD110 A program to transfer sound samples between the Amiga and a Roland D-110. Version 1.0, binary only. Author: Dieter Bruns FF255

RolandS220 A program to transfer sound samples between the Amiga and a Roland S-220. This is version 2.0, an update to MIDIsoft version 1.0 on disk 199. Includes several enhancements. Binary only. Author: Dieter Bruns FF255

RollOn A Soko-Ban like shareware game, submitted by the author. Includes both English and German versions, a level editor, and digitized sounds. Version 1.1, binary. By Tobias Eckert FF302

RomCon Converts a decimal value into a value represented by roman numbers. You can convert from decimal to roman or from roman to decimal. E.g. '1992' equals 'MCMXCII'. Version 1.10, freeware, binary only. Author: Chris Vandierendonck FF785

ROMTagMem Adds non-autoconfig memory as early as possible to the memory list. In situations where you have only CHIP memory and nonautoconfig memory, your system will run faster and have more CHIP memory available if as many system structures as possible are not in CHIP memory. Binary only. Author: John Matthews FF891

ROMWack Text files with tips on using ROMWack. AM1

ROR AmigaBASIC boggling graphics demo. AM8

ror One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Rord One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Roses A program that draws sine roses. Implements an algorithm given in the article 'A Rose is a Rose ...' by Peter M. Maurer in American Mathematical Monthly, Vol 94, No. 7, 1987, p 631. A sine rose is a graph of the polar equation 'r = sin(n*d)' for various values of n and d. By Carmen Artino FF345

ROT C version of Colin French's AmigaBASIC ROT program from Amazing Computing. ROT edits and displays polygons to create three dimensional objects. Up to 24 frames of animation can be created and displayed. E-D AM18

Rot Program which generates and displays 3D objects. Consists of two pieces, an object editor and an action editor. The object editor creates 3D objects and the action editor defines up to 24 3D views of an object (which can be quickly cycled to get an animation effect). Version 0.5, binary only. By C. French FF71

Rothello Reversi/Othello like game that features the option to shift complete rows or columns of the playfield. Play a human or computer opponent. Version 1.0 shareware binary only. Author: Michael Koepke and Rolf Herrmann FF600

Rounding Off Your Numbers: Programming routines to make rounding your numbers a little easier. Author: Sedgwick Simons AC9

RPN An emulation of an Hewlett-Packard pocket computer on your screen. Version 1.00, includes source (SAS-C). Author: Maurizio Loreti FF539

RPSC A reverse polish scientific calculator. RPSC is a programmable RPN calculator in the Hewlett-Packard tradition. It supports operations with real numbers, complex numbers, matrices, and 3-D vectors, as well as storage and recall of labeled variables. Data and programs may be saved, loaded, or written as ASCII text, to AmigaDOS files. V1.1, binary. By Gary Teachout FF250

RRamDisk Another recoverable ram disk. This one supports up to 32 units and can be autobooted. Unused sectors are deleted from memory. The ram disk can be formatted, copied to, or used just like a normal disk drive. Binary only. Author: Bob Dayley FF451

RRT Demo of a real time mapping of a reflection of a graphic onto a sphere. Is system friendly, multitasks, and uses an Intuition screen. Written in C with small assembler assist. Includes source. Author: Adisak Pochanayon FF849

RSLClock Yet another nice little clock utility that can sit around in your title bar. Lots of options. Version 1.3, binary only. Author: Roy Laufer FF67

RSM An ARexx compatible serial port manager. Run your serial port from other programs! Version 1.42, C source included. Author: Ron M. Battle FF786

RTCubes A little graphics demo that shows 16 3D cubes in a 3D space, all being translated, rotated, and drawn on the screen in real time. Binary only, takes over the machine, reboot to recover. Author: Ralph Russell FF67

RTracker A MOD player that is small, easy to use, highly configurable, follows CBM's style guide, supports automatic decompression of MODs, and more. Version 2.0, shareware, binary only. Author: Mike Manzano FF732

Rubik Another 3D Rubik's cube solver independantly authored from the version on disk #285. Version 1.0, includes source. Author: Martin Round FF362

Rubik Translation to C of a Rubiks Cube solver program originally written in Basic by John Murphy. Includes versions to do an 'unwrapped' 2D solution, and a more visual 3D solution. Version 0.0, includes source. Author: Roger Uzun FF285, FF29

Ruler Ruler is a small tool used in the measurement and con- strainment of text. Originally conceived as a tool for insuring that filenames didn't exceed the Amiga's 30 character limit, it is nevertheless useful in any sit- uation when the number of characters in a line of text needs to be counted. Version 5.00, includes source. Author: Thad Floryan, Chad Netzer and Dave Schreiber FF496

Run68010 Allows you to run programs that use 68010-specific instructions on 68000-based machines. Uses self-modifying code. Simulates 68010-specific registers. Starts from both WorkBench and CLI. Includes source in assembly. Author: Kamran Karimi FF638

Run68013 Emulates 11 of the 68020-specific instructions and its registers in a system with 68000. It does so using 68000 instructions and memory. None of the new 68020 addressing modes are supported. Runs from both WorkBench and CLI. An upgrade from the Run68010 on disk number 638. Includes source in assembly. Author: Kamran Karimi FF756

Run68017 Provides run time emulation of about 30 of the 68020 instructions with a 68000. Only the emulated instructions can use the new 68020 addressing modes. Uses a gagdet to enable/disable emulation. An upgrade from Run68013 on disk number 756. Includes source in assembly. Author: Kamran Karimi FF798

RunBack A very compact version of the popular utility for starting a CLI process in the background, without preventing the CLI window from closing. This version is pure and only 468 bytes long. Requires the NULL: device, which is included. Using NULL: makes it more flexible and robust than older RunBacks. Can optionally delay up to nine seconds after starting the command. Includes source in assembly. Author: Paul Kienitz. FF429

RunBack Allows you to start a new CLI program and run it in the background, then closes the new CLI. This is version 6, an update to the version on disk 152 (the version on disk 214 appears to be on a different evolutionary path). This version compiles under Lattice with many optimizations enabled, and can be made resident. Includes source. Author: Rob Peck, Daniel Barrett, Greg Searle, Doug Keller FF240, FF214, FF152, FF65

RunBackGround Ancient history, but when I went looking for it on my disks, it was apparently something I missed. This program performs a function similar to that performed by RunBack on FF66, but this one is in C rather than assembler. Includes source. Author: Rob Peck FF73

Running A classical maze and puzzle game. You run around in a maze and try to catch the ghosts or spiders. It is completely multitasking friendly and compatible with AmigaDOS 1.2/1.3 and 2.0. You can design your own levels. Binary only. Author: Jorrit Tyberghein FF418

RussianFont Three Russian Vector Fonts, with a special Russian keymap that matches the Russian typewriter. These fonts are compatible with Russian Fonts found under WINDOWS (=> easy exchange). Version 3.0, update to version on disk number 805. Designed with FontDesigner. Binary only, shareware. Author: Daniel Amor FF868, FF805, FF517

Rxgen An ARexx library that allows you to call any function of almost any Amiga library from an ARexx program. This is version 1.0, binary only. Author: Francois Rouaix FF459

Rxil An ARexx interface library that makes it easy for programs to implement a complete, robust ARexx interface with minimal effort. Version 1.0, includes source. Author: Don Meyer FF299

RxilShell A set of routines to form an additional layer between the programmer and ARexx. Rxil_shell sits on top of rxil on disk 299 and contains a few changes and bug fixes to the rxil routines. Using these routines adding ARexx support to a program becomes completely trivial. Version 1.0 includes C source. Author: Andrew Martin SciTech Software FF599

S-Anim5 Turns Anim5 animations (DPaint, Videoscape, P-Animate etc.) into self-contained self-displaying compressed files callable from the Workbench or CLI. As with S-Text and S-Pic these solve all decompression and display problems and save a lot of space as well. No compiling needed. Version 1.1, freeware, binary only. Author: Chas A. Wyndham FF884

S-Pic Turns IFF ILBM pics into completely self-contained selfdisplaying compressed files callable from the Workbench or CLI. As with S-Text (on disk number #817), S-Pic will give you space-saving files which can be distributed without having to bother about display and decompression compatibility. No compiling needed. Version 1.2, freeware, binary only. Author: Chas A. Wyndham FF884

S-Text Turns texts into completely self-contained, self-displaying compressed files callable from Workbench or a CLI. S-Texts will save disk space and can be transferred from disk to disk without having to think about reader and decompression compatibility. Version 1.2, an update to version 1.1 on disk 760. Freeware, binary only. Author: Chas A. Wyndham FF817, FF760

S220to8SVX Converts sound samples from a Roland S-220/S-10/MKS-100 to 8SVX IFF 8-bit samples. This is version 1.4, an update to version 1.0 on disk 286. New features include volume-adjust and start-endpoint setting. Includes source in assembler. Author: Dieter Bruns FF514, FF286

Sabotage Sort of an adventure game. ABasiC program. AM3

sabotage One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

SafeBoot Very handy intuition-based program to read and save custom bootblocks. The bootblock can then be later restored should the disk become virus-infected. Version 2.2, binary only. Author: Mark Lanoux FF175

SafeMalloc Ever have a program that corrupts its own memory? Well, this little gem can help you find the problem in a hurry. Acts as an interface between your program and the real malloc, checking for overrun, under run, and duplicate freeing of malloc'd space. Author: Bjorn Benson, modifications by Fred Fish FF27

salestalk One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Sam Another IFF sound player with several command-line options, plus several samples. V1.0, binary. By Nic Wilson FF182

SAMP An IFF sampled sound format designed for professional music use. It can be used for 16-bit samples, multiple waveforms, etc. Includes a SAMP reader/writer shared library, interface routines, and programming examples. Includes a program to convert 8SVX to SAMP. By Dissidents Software FF348

Samp Documentation and interface library for an IFF FORM SAMP, 16-bit sampled sound file format. This format allows more than one waveform per octave, and the lengths of different waveforms do not have to be factors of 2. Includes a utility to convert 8SVX files to SAMP format. Version 1.0, binary only. Author: Jeff Glatt FF307

samplefont A sample font that produces clubs, hearts, spades, and diamonds as its four characters. Shows precisely what is contained in an Amiga font. Author: Unknown FF5

SampleScanner By-passes the Amiga Dos file system and scans a disk directly, block by block, for sound samples. Allows you to hear the disk as it is being scanned. If a sample is found, it can be saved to disk for editing, direct use, etc. Author: Steven Lagerweij FF363

SamPull A utility which will allow you to manipulate and save the samples of a music module, (just Noise/Sound/Protracker MOD format for now), to disk in a quick and user-friendly graphic environment. As an added bonus, SamPull features sub-programs which will scan for MODs in memory or on any format of disk. Version 2.0, OS2.x required, binary only. Author: Greg Grove FF896

SANA Release 2 of the Standard Amiga Network Architecture device driver specification. This is a specification for the device driver level only. Author: Raymond Brand, Martin Hunt, Perry Kivolowitz FF540

SANA The official Commodore developer information package for the SANA-II Network Device Drivers. Includes the SANA-II spec, readme files, SANA-II drivers for Commodore's A2065 (Ethernet) and A2060 (ARCNET) boards, docs and includes, and some examples. Release version 1.4, update to version on disk number 673. Author: Commodore-Amiga Networking Group FF779, FF673, FF654

Sand This program has 'magnetic grains of sand' that follow the pointer wherever it goes. Cute. Binary only. Author: Eric Vaughan FF82, AM21

SandGlass A program to animate the original Workbench busy pointer. Only for Workbench/Kickstart up to version 1.3. Version 1.0, includes source. Author: Dirk Remmelt FF548

SASTools Various submissions from 'Sick Amiga Soft'. Includes some virus tools, some screen hacks, some small games, and miscellaneous utilities. Includes source in assembly and Modula-II. Author: Jorg Sixt FF338

SatTrack A satellite tracking program. Allows for selection of a data- base that can contain up to 300 satellites. Tracks

satellites on a graphics display of the world. All graphics are IFF com- patible, allowing for loading of display to standard painting program. Allows for input of satellite information using either standard data format or by simple user input. All operations use standard windows and menus. SatTrack has a simulation mode that allows for predictions in the future. This is version 2.1A, demo copy, binary only. Author: Randy Stackhouse FF680

Saturn An IFF picture. AM6

Saucer Simple shoot-em-up game. ABasiC program. AM1

SaveILBM This program saves any screen as an IFF pic. Executable program and documentation. AM8, AM7

SaveW SaveW is the counterpart of SizeW. It saves the current win- dow coords to a file (if given) or to STDOUT. Includes some useful shell aliases. OS 2.xx only. Version 1.3, freeware, binary only. Author: Hans-Peter Guenther FF750

saxophone Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Sb Structure browser, that displays system structures via pointers found in other structures. You start from IntuitionBase and go from there. Version 1.0, includes source. Author: Nick Sullivan and Chris Zamara FF69

SBackup Programmers utility to assist in maintaining old versions of source code. SBackup maintains 2-99 old versions in any location desired. Version 1.00e, binary only. Author: George Kerber FF432

SBall A game using the joystick to control a 'bouncing ball'. Binary only. Author: Hertzig Wolfgang and Meisner Christian FF461

SBProDemo A restricted use trial version of Superbase Professional 4 complete with sample application. The limitations are 35 records max per file, programs can be edited but not saved, and forms can be edited but not saved or printed. In every other respect this is identical to the release product. SBpro4 is compatible with SB4 Windows V1.21. Version 1.0, binary only. Author: Precision Software Limited. FF492

SBProlog V1.a Volume 1 of the 2 volume Stony Brook Prolog (SBP) distribution, version 2.3.2. This volume contains the executables and libraries. Volume 2, on FF 141, contains the C and Prolog source code. From the SB-Prolog System, Version 2.2 User Manual: 'SB-Prolog is a public-domain Prolog system for UNIX(tm) based systems originally developed at SUNY, Stony Brook. FF140

SBProlog V1.b The core of the system is an emulator, written in C for portability, of a Prolog virtual machine that is an extension of the Warren Abstract Machine. The remainder of the system, including the translator from Prolog to the virtual machine instructions, is written in Prolog.' FF140

SBProlog V1.c In addition to providing a compiler, SB-Prolog also offers advanced features such as dynamic loading, mixing of compiled and interpreted code, macros, extension tables, a debugging facility offering two levels of tracing, profiling tools, and other utilities. Authors: Logic Programming Group at SUNY, Stony Brook Amiga port by David Roch and Scott Evernden FF140

SBProlog Volume 2 of the 2 volume Stony Brook Prolog (SBP) distribution, version 2.3.2. This volume contains the C and Prolog source code. Volume 1, on FF 140 contains the executables and libraries. From the SB-Prolog System, Version 2.2 User Manual: 'SB-Prolog is a public-domain Prolog system for UNIX(tm) based systems originally developed at SUNY, Stony Brook. The core of the system is an emulator, written in C for portability, of a Prolog virtual machine that is an extension of the Warren Abstract Machine. The remainder of the system, including the translator from Prolog to the virtual machine instructions, is written in Prolog.' In addition to providing a compiler, SB-Prolog also offers advanced features such as dynamic loading, mixing of compiled and interpreted code, macros, extension tables, a debugging facility offering two levels of tracing, profiling tools, and other utilities. Authors: Logic Programming Group at SUNY, Stony Brook Amiga port by David Roch and Scott Evernden FF141

Sc Program which demonstrates generation of good looking pseudo-random scenery. Includes source in C (translated from Draco version on FF61). Author: Chris Gray FF87

Scale Plays 1-4 simultaneous musical scales on the Amiga's 4 sound channels, using Rob Peck's AudioTools package. Six octave range, ascending/descending, multiple steps, several different speeds of playing simultaneous scales, overall tempo controller. Intuition interface. Includes source. Author: Dick Taylor FF787

Scales Sound demo plays scales, C program in C source code and executable program. AM3

scales Demonstrates use of the Audio functions in the ROM to produce four voice sounds. It uses a simple waveform (sawtooth) with no amplitude control (ie, envelope) or frequency variation (ie, vibrato), but these can be easily implemented. Also includes considerable documentation on audio device. By Steven A. Bennett FF6

Scan CLI utility to display the individual character contents of any file. Displays the ASCII and Hex values, count and percentage of total along with actual character (if displayable). Listing is displayed on a console window or optionally written to an output file. Possible uses would be to scan files for binary characters, relative character counts, matching numbers of special characters, determining LF/CR configurations, etc. Version 1.0, includes source. Author: Dan Fish, console routine by Jim Cooper FF464

Scan Program to scan file contents for matches to one or more specified patterns. Claimed to search hard drives twice as fast as the best search programs currently available, and ram drives five times faster than other programs. Can optionally scan the contents of files in LZH and LHA archives. Supports searching for multiple patterns simultaneously. Other features include extensive wildcard support, optional inverted pattern matching, recursive directory scanning, line search highlights of matching words with selectable color, and more. This is version 1.0. Includes source. Author: Walter Rothe FF670

SCAN8800 A specialized database program to store frequencies and station names for shortwave transmitters. It can also control a receiver for scanning frequency ranges. Version 2.33, an update to version 2.28 on disk 812. Binary only. Author: Rainer Redweik FF864, FF812, FF803

ScanIFF Scans through an IFF file, identifying the elements. Faster than standard utility IFFCheck since it uses Seek, but does not do IFFCheck's detailed format checking. Intended for use as a template from which programmers can code their specific application. For example, an expanded version has been used to extract instrument data from music files. Includes source in assembler. Author: Jim Butterfield FF358

Scanner Scanner makes commented C code of all intuition structures in memory. The structures will receive correct pointers towards each other. Scanner starts looking at IntuitionBase, and follows all pointers, storing them in memory. When finished, it writes all the structures to the standard output. Version 1.0, includes source. Author: Stefan Parmark FF218

Scanning the Screen: Part four in the fractals series. This article covers drawing to the screen. In AmigaBASIC and TrueBasic. Author: Paul Castonguay. AC7

SCAT V1.00 Utility to 'cat' binaries without blowing up the display FF168 & 169

Scat Another display hack, created from Le, AM18o Schwab's 'Ing' display hack. Binary only. Author: Stephen Pietrowicz FF81

SceneGenDemo Demo of a program called Scene Generator, that generates very realistic looking landscapes. This program is an enhanced, low cost commercial version, of the Scenery program included on disk 155. This is version 2.03, binary only. Author: Brett Casebolt FF299

Scenery A very nice assembly language random scenery generator. Generates very realistic looking landscapes. Includes intuition interface and lots of menu options. Version 1.0, binary only. Author: Brett Casebolt FF155

Scheme 'Scheme is a statically scoped and properly tail-recursive dialect of the Lisp programming language invented by Guy Lewis Steele Jr. and Gerald Jay Sussman.' Binary only. Amiga port by Ed Puckett FF149

Scheme2C A Scheme compiler which accepts the language defined in the essential portions of Revised Report on Algorithmic Language Scheme with minor constraints and some additions. The compiler produces C source files which are then compiled using the system's C compiler (Lattice C 5.10 on the Amiga) to produce conventional object and executable files. Because of the size of the distribution it has been split onto three disks as follows: source and documentation archives on 556 M68000 binary archive on 557 and M68020 binary archive on 558. This Amiga port was done by Mike Meyer based on the 28-Sep-90 version of the translator. Author: Digital Equipment Corporation FF556, FF557 & FF558

Schoonschip A pioneering algebraic manipulation program which has been used in particle physics and continuously developed since late 1963. Not as friendly as Mathematica or Maple with no graphics or intuition interface and not as much built in but still a general purpose algebraic manipulation language. Written in machine language to run fast and be memory efficient. Capable of handling large problems. Includes large and small workspace versions tutorial examples sample programs and a comprehensive manual. Version 5-Oct-91 binary only. Author: Martinus J. G. Veltman and David N. Williams FF568

Sci-Fi_Demo A demo of Sci-Fi Type: 14 3d fonts for Imagine and other rendering programs. Includes: Ultra (a full sample fonts), A short doc file with ordrering info, and an iff (hi res 16 color) image depicting the rest of the set. Author: Doug Brooks FF898

ScienceDemos Some science demos. Sidereal is a tutorial program which introduces the user to the relationships between Julian and calendar dates and solar and sidereal times. J2000 is a utility program which converts stellar positions, proper motion, parallax and radial velocity from the standard epoch B1950 (FK4) to epoch J2000 (FK5). Galilean is a tutorial program which determines the position of the Galilean satellites relative to Jupiter. Programs courtesy of David Eagle at Science Software. FF27

SciSubr The Scientific Subroutine Package from DECUS, ported to the Amiga to run with Absoft Fortran. This is a valuable resource of mathematical and statistical source code for those doing Fortran work on the Amiga. Author: Unknown; ported to the Amiga by Glenn Everhart FF142

SCM Screen Color Modifier. A palette program that allows the changing/saving/loading of a screen's colors. Includes a separate loader program that can be used in batch files to set a screen's colors to predefined values after a program has been launched. Version 1.0, binary only. Author: Jean-Marc Nogier FF367

ScnSizer Sets the preferences data for increasing the window bounds, and takes effect immediately. Includes source. Author: Thad Floryan FF79

ScopePrint Simple program for displaying/printing Oscilloscope simulations of sine and square waves. Presents you with a two-channel o-scope and allows you to input the frequency, phase, and amplitude of the signal(s). Version 1.0, binary only. Author: Wim Van den Broeck FF862

ScottDevice A mountable MicroForge SCSI driver. Supports one SCSI buss device with two hard disk units attached to it. Version 33.1, includes source. Author: Scott Turner FF84

SCRAM500 The first of a series of Public Domain 'KitWare' hardware projects for the Amiga. On this disk you will find the design for an 8Meg RAM and SCSI controller for the Amiga 500 (SCsi RAM for the 500 = SCRAM 500). You will also find an order form to obtain PCB, chips and whatever you need to build one. The SCRAM 500 is easy to build, cheap and should be useful to a lot of people. Included in this distribution is complete documentation on how to assemble a SCRAM 500, notes for Amiga 1000 owners, a description of the custom chips, design notes, troubleshooting guide, user's manual, bill of materials, 12 HPGL plot files for schematics and PCB layout, hard drive partitioning software, a mountable device driver, a ROMable driver, and more! Author: Norman Jackson FF698

Scrambler A simple program that will encode/decode a text file into illegible gibberish, which resembles executable code, to evade prying eyes. Version 0.01, Binary only. By Foster Hall FF148

Screen Saver: A quick remedy to prolong the life of your monitor. Author: Bryan Catley AC8

ScreenDump Dumps rastport of highest screen/window to printer. Author: Carolyn Scheppner FF33, AM8

ScreenJaeger A screen capture program that works by scanning through memory, allowing you to grab screens from programs that don't multitask, and save them as IFF files. Features include an Intuition interface, multiple bitplanes, support of all Amiga display modes and resolutions, CHIP and FAST memory, overscan, and both NTSC and PAL. This is version 1.0, includes full C source. Author: Syd L. Bolton FF523

ScreenMod Allows you to modify most of the parameters of any screen structure in memory, including colors and viewmodes. Use- ful for PAL programs which open their screens low. Has a companion program to automate changes later on. This is version 1.0, includes source. Author: Syd Bolton FF493

ScreenSave A program to save a normal or HAM mode screen as an IFF file. Also creates an icon for the saved file. Author: Carolyn Scheppner FF55

ScreenShare A library and support programs that enable applications to open up windows on other applications' custom screens. For example, your editor may want to open a window on your terminal emulator's screen so you can compose a message while still being able to see the contents of the terminal's screen. Both applications must cooperate for the screen sharing to work. This is version 1.21. Includes source for interface portions. Author: Willy Langeveld FF308, FF246

Screenshift Screenshift is a small program that allows you to adjust the position of the screen on your display, just like the preferences function. Works from CLI or WorkBench. Includes source. Author: Anson Mah FF89

ScreenSnap ScreenSnap allows you to save and close screens of any appli- cation. It requires OS 2.04 and includes German documenta- tion. This is version 1.12, binary only. Author: Oliver Graf, T.O.M. Software Wuppertal FF688

ScreenX A program designed to make getting at screens easier, particularly screens that are lost behind other screens that don't give you depth gadgets. You can pop them to the front, push them to the back, save the screen to an IFF file, print it, and even try to close it. This is version 3.0, an update to version 2.1 on disk 158. Binary only. Author: Steve Tibbett FF418, FF158

ScreenZap A utility that forcibly removes screens and windows from your system. Useful to get rid of zombie screens or windows that have been left around by aborted or buggy programs. This is version 2.3 and includes source. By Lars Clausen FF303, FF157

Scrimper Short for 'SCReen IMage PrintER'. A screen dump utility which can be run from the workbench or the CLI. Author: Perry Kivolowitz FF18, AM8

Scripit A script language that allows you to automate actions you would normally have to do manually. Scripit can do anything that you do manually, by either the mouse or keyboard, by using a set of commands that instruct Scripit to simulate specific mouse or keyboard actions. Also has an ARexx port, so it can be driven by ARexx allowing ARexx control over programs that do not have ARexx ports. Includes both a recorder to generate scripts and a player to execute them. This is version 1.20, binary only. FF288

ScriptTool A small Workbench-utility which lets you to run commonly used commands and scripts from Workbench's Tools-menu. Version 1.02 and needs DOS2.0 (V36). Freeware, includes source. Author: Jan Hagqvist FF896

ScrnTst A program to reveal small irregularities in the beam sweep of computer monitors. Uses the MOIRE effect to render such defects more readily observable. A short program which should be compatible with OS 1.3 as well as releae 2.0. Version 2.0, binary only. Author: William Barish FF785

ScrollDemo Demonstrates the text scrolling capabilities of AmigaBASIC. AM9

ScrollPf Creates and displays a 400 by 300 by 2 bit plane playfield on top of a 320 by 200, 2 plane deep playfield, as a demo of dual playfield display. Author: Carolyn Scheppner FF35

Scrub A floppy drive cleaning program which automatically detects which drive has a cleaner diskette in it. Spins it for thirty seconds while moving the heads around. Pure. Includes source. Author: Paul Kienitz. FF429

SCSIMounter An interactive, fully automated partition mounter especially suited for removable media SCSI drives. SCSIMounter auto- matically scans the Rigid Disk Block of the drives and presents the user with a partition selector which allows the individual selection of the partitions to mount. Requires Kickstart 2.0. Binary only.

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Vendor/Product Registration
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Last Minute Additions

Author: Martin A. Blatter FF532

SCSIPrefs A Preferences editor for the battery backed up memory in the Amiga 3000. This small program allows you to change the bits that control some parameters of the embedded SCSI host adaptor. Requires Kickstart 2.0. Binary only. Author: Martin A. Blatter FF532

ScsiTape A Scsi-Direct tape handler that implements fully asynchronous double-buffered read and write operations. If you have disk / tape drives which support reselection then the handler will be able to operate on the tape concurrently with disk accesses meaning that an archiver such as Tar will not 'freeze' while tape operations are in progress. Includes source. Author: Matthew Dillon FF791

SCSIutil A CLI utility to issue commands to a SCSI disk using a specific SCSI id number. Commands include inquiry, seek, start/ stop motor, read sector(s), play audio CD sectors, insert, eject, read capacity, etc. Version 1.815, an update to version 1.0 on disk number 669. Freeware, includes source. Author: Gary Duncan and Heiko Rath FF889, FF669

SCT A CLI-based utility (SetColorTable) for displaying and/or setting a screen's colors. You can save the colors of a screen to be restored later, or copy one screen's colors to another. Includes source. Author: aklevin FF151

ScudBuster A Scuds vs. Patriots missle game. This game is a combination of the old Missle Command Battleship and Stratego games rolled into one. Set up your strategy and launch missles at your enemy while he launches missles at you. Version 0.8 binary only. Author: Howard Dortch FF597

SculptTools Programs to create objects for use in Sculpt 4D. Includes Brush_4D to convert IFF brushes to objects in full color with HAM and EHB support and wrap to various shapes (update to version on disk 361), Fractal_4d to create fractal mountains with various coloring from brush, checkers or based on altitude, and Spiral_4d to create a variety of objects based around tubes and helixes. Binary only. Author: Bruce Thomson FF430

Scypmon Machine-language monitor with many features. Provides you with all functions like assembler, disassemble, search, transfer, fill, trackloadings etc. Version 1.7, fixes 2 nasty bugs of version 1.6 and should now run without errors. Binary only. Author: Joerg Bublath FF878

Sdb Simple database program, originally released on aDECUS VAX SIGtape. Unknown author, Amiga port by Mic Kaczmarczik FF33

SDBackUp A hard disk backup utility. CLI interface only. Does file compression. Version 1.1, binary only. Author: Steve Drew FF128, AM26

SeaHaven Demo version of a solitaire type card game. The object of the game is to separate the deck into its four suits, each in an ordered stack from ace to king. Version 1.1, binary only. Author: Steve Francis FF260

SeaLance Game based on a Trident submarine simulator. You must use the weapons at your disposal to liberate the earth's cities from alien occupation. Binary only. Author: Jason Bauer FF462

Search Utility: A file search utility written in C. Author: Steven Kemp AC6

Sectorama A program designed to help Amiga users recover lost or damaged data from floppy or hard drives, or to repair a damaged volume. The author wrote this out of frustration with existing tools when he had multiple hard disk drive failures over the course of several months. This is version 1.1, an update to the version on disk 102. Binary only. Author: David Joiner FF108, FF102, AM24

Sed This is the GNU sed (stream editor) program, ported to the Amiga. Sed copies the named files, or the standard input, to its standard output, while performing certain editing operations specified in the command line script or in a scriptfile. Version 1.02, includes source. Author: Unknown, ported to Amiga by Edwin Hoogerbeets FF231, FF128

SeeHear A program to do a spectrogram of a sampled sound file. This is a graph with time on one axis, frequency on the other and the sound intensity at each point determining the pixel color. With source in C, including FFT routine. This is version 1.1. Author: Daniel T. Johnson FF335

Seeker A 'find file' type utility for AmigaDOS 2.0 with more features than most such programs. Intuition interface supports AmigaDOS and unix-like wildcards. Several operations can be performed on found files. Version 1.2 shareware binary only. Author: Donald Lloyd FF590

SeekSpeed Measures the seek performance of any valid device. It works by using the system's very accurate E clock and measures the time taken for seeking and reading varying numbers of sectors under both sequential and random access. Every test is performed 100 times if possible, and the average reported. GUI interface, can be run form the CLI or WB, Requires OS2.04+. Version 37.12, binary only. Author: Richard Waspe FF875

SeePix Based on Olaf Barthel's 'LoadImage v1.11'. SeePix is an IFF viewer/printer, featuring the ability to modify the colors of a pic for printing, allowing for truer colors in the printout (i.e. Blue prints Blue, not Purple), without modifying the pic itself. SeePix features an ARP interface, Iconization and the PathMaster File Selector. Manx AZTEC 'C' Source included. Author: Hank Schafer FF785

SegTextMaster A little tool for programmers who need to use large amounts of text in their programs (I.E. adventure games). It creates an array of characters with a header. Makes compiling/assembly time very quick and reduces space requirements. Requires AmigaDOS 1.2 or higher. Version 1.0, binary only, sample source for application included. Author: Titus v. Kraft FF887

Selector A program that helps you assemble programs on a boot disk and start them in a user friendly way by putting up a window with gadgets to launch programs. Version 3.0, update to version 2.5 on disk 302. Binary only. Author: Nico Francois FF542, FF302

SendMorse Brush up on your morse code with this simple program that will read an input textfile and output the characters at an adjustable rate. Author: Joe Larson FF175

SendPacket General purpose subroutine to send AmigaDOS packets. Author: Phillip Lindsay FF35

SendPackets Updated versions of the ASendPacket and SendPacket examples from FF35. A SendPacket is an example program for sending multiple packets asynchronously to a DOS handler, for those interested in implementing programs with asynchronous AmigaDOS file I/O. SendPacket is a general purpose subroutine to send AmigaDOS packets. Includes source. Author: Phillip Lindsay FF66

SensoPro You try to remember and mimic the sound/color sequence played by the computer. Each time you get it right, another sound/color is added to the sequence. Great practice in case you ever find yourself in a 'Close Encounters of the Third Kind' experience. Binary only. Author: Peter Handel FF283

SentInel A large ray-traced animation created with Turbo Silver SV, Deluxe Photolab, Deluxe Paint III, and the Director. It consists of approximately 60 to 70 frames of animation, rendered during a period of about three and a half weeks. This is Bradley Schenck's entry to the 1989 BADGE Killer Demo contest, and won first place in the contest. Because of its size, it has been split across two disks. The rest of the files are on disk 264. Requires 3Mb or more of memory to run. Author: Bradley Schenck FF263 & 264

serial Demonstrates access to the serial port. Requires an external terminal connected to the serial port. Author: Unknown FF5, AM5

serisamp.c Example of serial port use. C program. AM4

seritest.c tests serial port commands. C program. AM4

SerLib A shared library providing easy access to any serial device. Allows both synchronous and asynchronous access to the port. With support code for Lattice, Manx and Oberon. Includes examples in both C and Oberon (with source) and docs in ASCII, DVI, and PostScript. Shareware. Author: Garry Glendown, Oberon-interface by Frank Schummertz FF523

Set Replacement for the Manx 'set' command (to set or change environment variables) with several improvements Author: Tomas Rokicki FF31

Set040 A program to remap Kickstart V2.04 or greater from ROM into 32 Bit Ram on an Amiga equipped with a 68040 CPU, using the MMU, with optional parameters for greater compatibility between various 68040 boards and optional patch to stop drives from clicking. It can also load a different Kickstart than the one currently in ROM, manipulate both caches, and display information regarding some 68040 registers and modes. Version 1.15, an update to version 1.14 on disk 628. Includes source code in assembly. Author: Nic Wilson FF642, FF628, FF619

SetAlternate Merge the images from two icons to produce one icon with a primary image, and a possibly completely different image to display when selected. By John Toebes VIII FF12, AM8

SetAslDim A very small and simple 2.04-only utility which lets you set the position and dimensions that the ASL file, font and screen mode requesters will assume as default. It obtains this result by SetFunction()ing the AllocAslRequest() call of the asl.library. Binary only, CLI usage only. Author: Sebastiano Vigna FF774

SetBatt A tool to set the configuration information saved in the nonvolatile ram of the A3000 clock chip. Allows you to adjust the SCSI select timeout and other system settings. Includes source in 'C' and assembly language. AmigaOS 2.x required. Author: Olaf 'Olsen' Barthel FF535

SetCCOPTS Lets you easily deal with the MANX 'CCOPTS' environment variable. You can store settings to disk. Has a complete intuition interface. This is version 1.00, binary only. Author: Stephan Flother FF515

SetClock A utility to set or read the hardware clock on a Spirit Technology memory expansion board. Works in a manner similar to the SetClock utility which is supplied by Commodore with Amigas that have hardware clocks as standard equipment. Includes source in PCQPascal and assembler. Author: Willi Kusche FF390

SetColors A Palette replacement program that does a lot more in only 3K. Can save and load color files, and update preferences. Update to version on disk 419, with bug fix. Includes source in C. Author: Pierre Carrette FF540, FF419

SetCPU A program designed to allow the user to detect and modify various parameters related to 32 bit CPUs. Includes commands to enable or disable the text/data caches, switch on or off the '030 burst cache line fill request, use the MMU to run a ROM image from 32-bit memory, and to report various parameters when called from a script. This is version 1.60, an update to version 1.5 on disk 223. Includes source. Author: Dave Haynie FF400, FF223, FF187

SetFont Allows you to change the system font with various command-line options. Cleans up all known bugs in FF75. V2.5, includes source in C++. By Dave Haynie FF182, FF75, FF41

setjmp.asm setjmp() code for Lattice 3.02. In Assembler. AM2

SetKey Keymap editor, version 1.0 demo. Version without save function disabled is $25. Binary only. Author: Charles Carter (CodeWorks)Vpg Video Pattern Generator. Creates displays useful for adjusting monitors and setting up live shots with center cross hair, frame, dots, H lines, V lines and an adjustable rectangle. Version 1.0. Author: Mike Berro FF70, AM18

setlace Program to toggle interlace mode on and off. When used with a black background, and amber or green characters, produces a nice CLI environment. By Bob Pariseau FF9, AM24, AM4, AM1

SetMouse2 Program to set the mouse port to either the left port or right port. Author: Robert Burns at Commodore-Amiga FF20

SetNoClick Very simple program to set the NOCLICK flag in the public section of a trackdisk unit. Only works with version 36 and up of trackdisk.device. Includes source. Author: Marc Boucher FF392

SetPALorNTSC A couple of utility programs for testing the suitability of a developed program in either the PAL or NTSC environments. With source and a sample program. By Peter Kittel FF162

setparallel Allows the CLI user to dynamically change any particular parallel port parameter. Author: Keith Stobie and Tom Pohor FF6, AM4

SetPrefs A CLI command which activates a system-configuration. Useful when different prefs are created (i.e. for the printer) and you don't want to continually change your existing system configuration. Version 1.0, includes source in assembly. Author: Michael Wilkes FF742

SetPrefs Allows you to build a whole library of preference settings and instantly switch back and forth between them. Affects all preference settings not just the colors. Very useful for machines with multiple users or multiple external devices. Includes Amiga's default and various sample preference settings. Binary only. Author: Martin Hippele FF157, AM18

SetRamsey A program that allows you to test the current settings of the RAMSEY ram controlier chip on an Amiga 3000 under Kickstart 1.3 or 2.0 and change them if you wish. Useful for hardware debugging to control static column mode burst mode or change the refresh rate. Version 1.50 update to version 1.02 on disk 423. Binary only. Author: Nic Wilson. FF567, FF423

SetSC Allows you to change or remap the colours of a screen. SetSC gets the colourmap from a file by using the map's name, from the Workbench screen or directly from the command line. SetSC is very useful in scripts, where you can change the screen colours one or more times during script execution. Version 2.10, shareware, binary only. Author: Chris Vandierendonck FF787

SetSerial.c Set the attributes (parity, data bits) of the serial port. C program. AM4

SetSystem A very small and simple 2.04-only utility which forces the SYS_UserShell tag on each System() call. This means that every application will use your user shell (for instance, Bill Hawes's WShell) instead of the system shell. Binary only, CLI usage only. Author: Sebastiano Vigna FF774

Settime Set the system time from the internal hardware clock. Written to be very small and fast. Also includes versions that can be installed as boot blocks. Version 0.9, includes source in assembly. Author: Andreas Ackermann FF718

SetWindow C program makes windows for a CLI program to run under Workbench In source code and as an executable. AM8

SF2 File search utility. Default searching starts from the root directory of the specified device and descends down into its subdirectories. Searching includes looking into archive files generated by various compression utilities. Archive files ending with a .ARC, .LHZ, .ZIP and .ZOO are currently supported. Lots of command line options. Requires ARP 1.3 (rev. 39.1). Version 2.0, binary only, shareware. Author: Andrea Suatoni FF400

SFCoder A program that allows you to encrypt and decrypt files by using a password. Uses complex routines to assure the security of your data. Requires OS 2.0 to run. Version 3.2, an update to version 3.0 on disk 687. Freeware, binary only. Author: Stephan Fuhrmann FF704, FF687

SFragMem Graphically shows memory fragmentation. The graphic display is sizeable. Also displays some other information of the exec memory header. Version 1.01, first release, requires OS 2.0. Includes source in C. Author: Thies Wellpott FF761

SGD This program makes it possible to delete games, that are saved by any of the existing Sierra adventures (e.g. Leisure suit Larry). The program has a LEARN-option for including new adventures. Version 1.0, binary only. Author: Maico Ditzel FF488

Sh Another version of the 'Sh' utility to unshar shell archives. Apparently corrects some problems encountered by similar programs. Until we can get everybody using some sort of 'standard', perhaps if we collect enough of these utilities, we will eventually find one that works with the particular archive we're trying to unshar! Includes source. Author: Jim Guilford FF174

shades One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

ShadowMaker Demo version of an Intuition based Font shadow generator. In seconds you can convert your favorite fonts into color fonts with professional video shadows built right in. The only restriction for this demo is that the final font height at SAVE times must be less than 40 pixels in height. Version 1.5, an update to version on disk 428. Binary only. Author: Stephen Lebans FF460, FF428

ShadowMaster A modular screen saver system for AmigaDOS 2.0. It allows you to choose a saver module to be used at blank time and to build utility modules that may (or may not) choose the actual saver. Version 37.7 includes partial source. Author: Mike Meyer FF597

ShangaiDemo Demo version of the Activision game 'Shanghai'. Submitted directly by Activision for inclusion in the library. FF55

Freely Redistributable Software

Shapes Simple color shape designer. ABasiC program. AM1

shapes One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Shar Two programs to pack and unpack shell archives on the Amiga. Shell archives are the traditional Usenet method of bundling multiple text files for posting as a unit or for sending via electronic mail. With source in C. By Fabbian G. Dufoe FF92, FF28

Shared Libraries 'C': C source and executable code that shows the use of shared libraries. Author: John Baez AC2

SharedLib Working example of how to build a shared library. Includes source. Author: James Synge FF79

SharpFont is an 8 pixel non-proportional font. FF105

Shazam A picture viewer for Dynamic HiRes images created with Macro Paint, the 4096 color high resolution paint program from Lake Forest Logic. Version 1.1, includes two sample Dynamic HiRes images and source for display program. Author: Lake Forest Logic FF449

SHELL V2.10 Added enviroment variable support and more. Use ConMan if you want command line editing, I do (it should not be a function of the shell and it isn't in mine). FF168 & 169

shell A simple csh style shell with history and some other goodies. Still needs some polishing and enhancement, but is quite nice as it. Thanks Matt!!! We've really needed something like this for a long time. Now if you would just do a ksh version instead...Author: Matt Dillon FF14, AM2

Shell2Front A simple, small and pure utility to be launched by a hotkey. It brings to the front, the first shell window it finds, including its screen. Version 0.12, binary only. Author: Gérard Cornu FF741

ShellTimer A well behaved shell based stopwatch program. Being shell based the timer can be controlled from AmigaDOS scripts from Arexx macros from makefiles or interactively. Requires AmigaDOS 2.04. This is version 1.0. Includes source. Author: John Lindwall FF638

ShellTools Four small useful programs. PIPE provides command line pipes, HISTORY allows the history to be loaded, saved, and listed, FOREACH is a fancy loop and variable expansion command,and RECORDER saves all console input and output in a file. Binary only. Author: Andy Finkel FF673

ShiftIt A small game, for installation on the workbench. Useful if you must wait for the compiler or something else. Binary only. Author: Robert Brandner FF664

Shm A simple graphics demo which approximately simulates the motion of two interacting pendulums. Includes source. Author: Chris Ediss FF97

ShortCut A utility that collects keystroke sequences and allows you to replace them with a single key stroke. Binary only. Author: Opher Kahane FF90

Show A nice, very small slideshow type program, version 2.1, binary only. Author: Andry Rachmat FF60

Show A very versatile program to display IFF ILBM files. Features realtime unpacking scroll, smart analysis of any IFF file, total control over display modes, simple slideshow processing, pattern matching, and a dozen other options. Only 9K. Version 2.0, binary only. Author: Sebastiano Vigna FF323

showbig Executable program which will view hi-res pics in low-res superbitmap. Documentation included. AM12

ShowBiz A fun animation with mice, a dancing alligator, a sheep on a trampoline, and more. Includes source in 'director format'. Author: Robert Corns FF261

ShowDisk A useful program that graphically shows the map of sectors used on floppy drives by one or more files. The mapping is color coded so you can identify what sectors are used by the various directories and files. Includes source in assembly language. Author: Bernhard Meisner FF269

ShowGadgets A simple utility to view all gadgets in a window. Includes source. Author: Jorrit Tyberghein FF420

Showgerb A Gerber display program. Gerber plotfiles are generated by several CAD packages. This program will display them on an Amiga using 1.3 and probably 2.xx and 3.xx. Source is not included but can be requested from the Author. Includes several sample plotfiles. Version 1.00, binary only, shareware. Author: Paul Gill FF785

ShowGuru Recognizes 168 different guru numbers and translates them to 'human understandable form'. Can also print the result. Version 2.1.b shareware binary only. Author: Thomas Carstens FF562

ShowHAM Program to display HAM (Hold And Modify) mode images from the CLI environment. Executable only. FF32, AM7

ShowI A CLI tool which displays all given icons in the original OS 2.0 look. It opens a little window displaying the Icon where you can select and deselect it. By pressing 'n' the next one is displayed. This is version 1.9. FreeWare, binary only. Author: Hans-Peter Guenther FF741

ShowILBM: A program that displays lo-res, hi-res, interlace and HAM IFF pictures. Author: Russell Wallace AC5, AM7

ShowLink Tool to list hardlinks. Also tells which file or directory the link points at. Version 1.1, includes source in Oberon. Author: Christoph Teuber FF683

ShowPrint A full-feature IFF picture file screen dump utility. Can display and print all sizes of pictures including those larger than the screen. Allows adjustment of printer output in three modes: ASPECT, FULL, and CUSTOM output. Print vertically or horizontally, in B&W, grey scale, or color, etc. Binary only. Author: Brian Conrad FF90, AM16

ShowPt CLI program changes your pointer to a given pointer. AM26

Show_PrintII Views and prints IFF pictures, including larger than screen. AM22

Shrink A new archiver that uses dynamic arithmetic encoding with a dictionary size from 1-64Kb. Slower than other archivers, but seems to get better compression ratios. Another interesting feature is that it uses a new IFF format for it's archive files. Version 1.1, binary only. Author: Matthias Meixner FF699

Shuffle A basic screen shuffler. Re-defines the key combination Left-Amiga-M to push the FRONT screen to the back, instead of pushing the Workbench screen to the back. Includes source. Author: Rob Eisenhuth FF229

Shuffle A small game to play whenever you haven't something else to do. Turns your workbench into a 'sliding-block' type puzzle game. Requires OS2.04 or later. Version 1.0, includes source. Author: Karlheinz Klingbeil FF881

ShuffleRun A game for two players. Try to collect more points than the other player. A level editor is implemented. 300 levels are included, 100 can be edited. Version 1.0, freeware, includes source. Author: Benjamin (Pink) Stegemann FF815

shuttle One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM8, AM1

ShuttleCock Yet another animation from Eric Schwartz. Eric wanted to see if he could still do an animation that required less than 1 MB to run. Released May 1991. Author: Eric Schwartz FF504

ShuttlePatch A shuttle mission patch in an IFF picture. AM6

SID A very comprehensive directory utility for the Amiga that supports at least a couple of dozen different commands for operating on files. Version 2.0, an update to version 1.06 on disk 338. Binary only. Author: Timm Martin FF651, FF338

sign. This is an updated version of the program released on FF12, and now includes full source. Author: Barry Whitebook @ Commodore-Amiga FF14

Signal Two programs designed to make it easy to write shell scripts that must be synchronized with the operation of another, in order to avoid disk thrashing for example. Includes source. Author: Davide Cervone FF500

SignFont A keymap and font that will allow the user to be able to type in American Sign Language, provided that one knows the font. Author: Glyn Gowing FF211

SiliCon A smart input line interpreter that provides a separate command window with full editing and recall of previous commands. Actual name is 'Sili(Con:)'. Binary only. By Pete Goodeve FF102

SiliconSec A bowling league statistics generator. Teams are ranked by win/loss record & total pins. Tracks team and individual statistics. Absent and 'blind' bowlers floating and team subs easily entered. ABC/WIBC award lists recap forms simple newsletter article and other options can be generated each week if you want them. A address list phone list mailing labels and end-of-season report meeting ABC/WIBC requirements may be generated any time. Online help with search may be edited by the user. Runs from the Workbench or CLI. One meg required. Version 1.51 binary only. Author: Allen Maroney FF626

Sim A simulator for register-transfer nets, which are used to describe hardware systems. This version also provides a compiler to define new devices in addition to Sim's internal devices. V4.2, an update to FF229. Binary only. By Gotz Muller FF291, FF229

SimCPM A CP/M simulator for the Amiga. Simulates an 8080 along with H19 terminal emulation. Includes source. This is V2.3, an update to FF109. By Jim Cathey; Amiga port by Charlie Gibbs and Willi Kusche FF186, FF109

SimGen This program will add a 2 or 4 color picture to your WorkBench screen. If the picture is digitized, it will look much like a genlock, hence the name SimGen (Simulated Genlock). Binary only. Author: Gregg Tavares FF243

SimpleReq An example of a custom requester from Modula-2. AM11

SimpleRexx A set of routines that handle the low level ARexx work for you in such a way as to have your application work with or without ARexx on the target system. The goal of SimpleRexx is to make adding at least the minimum level of ARexx support to an application a trivial task. Includes source. Author: Michael Sinz FF539

SimSmart A general purpose utility that prints the program source code of almost any language, so that (for example) the keywords are emboldened and underlined, and the comments are italicized. These features are adjustable by the user, to suit individual taste. Tabbing also is adjustable, to harmonize with the nesting depth of a particular program. Output may be either on the printer, the screen, or to another file. SimSmart may easily be extended by the user to deal with extra languages. Version 2.10, shareware, binary only. Author: David Simon FF528

Sing Sing will read a text file (actually ANY file) and try to 'sing' the characters in it using internal simple waveforms in 4 voices. Binary only. Author: Richard Lee Stockton FF771

SingleFile A small utility that can be used to determine if there are duplicate files or directories on a given volume. It can be used to help save hard disk space and reduce backp times. CLI usage only, version 1.0, binary only, shareware Author: Phil Dobranski FF851

singlePlayfield Creates and displays a 320 by 200 by 2 bit plane single playfield display. Completely covers Intuition's display, but gives the system back at exit. Author: Rob Peck FF5

singplay.c Single playfield example. C program. AM4

SIOD A small scheme interpreter (Scheme In One Defun) which can be used for calculations or included as a command interpreter or extension/macro language in other applications. This is version 2.4. Includes source. Author: George Carrette FF525

Sirds Generates & Prints 'Single Image Random Dot Stereograms'. These are 3D images viewed within a picture of seemingly random dots. Version 1.1, binary only. Author: Ross Fuller FF763

Sit An update to the Set Icon Type program from FF 107. Version 1.10, includes source. Author: Stephen Vermeulen FF137

sitar Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Size CLI program shows the size of a given set of files. Executable program and documentaion. AM19

SizeChecker Size checker uses a list of possible sizes of a file to check for unexpected changes in the size of those files. For example, it can be used to spot a link virus or to point out changes in the configuration of your system. With the appropriate comments added to your size list, you can check to see what version of the files you are using (1.2, 1.3, 1.4, ARP, etc). Version 1.0, binary only. Author: Roger Fischlin FF244

Sizer A small and pure shell utility that gives the size in bytes, blocks and the actual size occupied by a directory, device, file or 'assign'. Accepts multiple arguments. Version 0.81, an update to version 0.36 on disk 777. Now requires KickStart 37.175 or higher. Binary only. Author: Gérard Cornu FF805, FF777, FF741, FF699

SizeW SizeW is a tool that lets you change the size and the place of the currently active window. You can specify coords from commandline or optionally from a file. This is a companion to SaveW. Includes some examples in the docfile. OS 2.xx only. Version 1.5, freeware, binary only. Author: Hans-Peter Guenther FF750

Sizzlers A series of graphics demo programs. Version 1.7.0, binary only. Author: Greg Epley FF90, FF50, AM15

Skel A skeleton workbench application that makes writing workbench programs easier. Provides routines for main, initialization and termination, gadget and menu handling, argument processing, help window, about requester, etc. Version 1, includes source. Author: Joel Swank FF304

sketchpad One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Skew Skeleton Writer is a tool for generating C code for various Intuition based applications. You click the mouse and the code gets written. Similar to PowerSource and GadToolsBox, but with slightly different functionality. Version 1.28, an update to version 1.2 on disk 746. Includes source. Author: Piotr Obminski FF891, FF746, FF658

SkewB Rubik cube demo in hi-res colors, C program in C source code and executable. AM3

skewb Not quite sure what this is supposed to be, it was downloaded from a BBS with no documentation. C'mon folks, at least put a three line description at the start of your programs! Author: Raymond S. Brand FF9

Skinny C Bob Riemersma's example for making small C programs. Source code, executable program, and documentation. AM19

SKsh A ksh like shell for the Amiga. Some of its features include command substitution, shell functions, aliases, local varia- bles, emacs and vi style command line editing, I/O redirect- ion, pipes, UNIX style wildcards, a large variety of commands, and coexistence with scripts from other shells. Well docu- mented. Version 2.0, an update to version 1.7 on disk 489. New features include real pipes, AmigaDos 2.04 support, en- hanced ARexx handling, and more. Binary only. Requires AmigaDos 2.04. Author: Steve Koren FF672, FF489, FF381, FF370, FF342, FF309, FF291

SKsh A Unix ksh like shell for the Amiga. Some of its features include command substitution, shell functions, aliases, local variables, emacs and vi style editing, I/O redirection, pipes, Unix wildcards, a large variety of commands, and coexistence with scripts from other shells. Well documented. Version 2.1, an update to version 2.0 on disk 672. New features in version 2.1 include true piping between internal and external commands, background functions, aliases, and other shell constructs, enforcer clean, several new commands, cross filesystem file and directory moves, and more. Binary only. Requires Amiga Dos 2.04. Author: Steve Koren FF791, FF672, FF489, FF381, FF370, FF342, FF309, FF291

skysetserial Allows the CLI user to dynamically change any particular serial port parameter. Author: Keith Stobie and Tom Pohorsky FF6

SlavicFonts A whole bunch of new fonts from Robin LaPasha. Version 1.0. Author: Robin LaPasha FF202

Slicer A program for creating abstract art based on mathematical functions, such as the Mandelbrot set, Julia sets, and related abstractions (chaotic dynamical systems). Features include fast fixed or floating point arithmetic, many different functions, many computation options, many coloring and rendering options, batch mode, multi pass mode, and four dimensional navigation. The pictures it makes can be thought of as cross sections or 'slices' revealing the insides of solid objects. This is version 2.1 an update to version 2.0 on disk 634. Binary only. Author: Gary Teachout FF836, FF634, FF249

SlideMaster A slideshow program that can show any IFF ILBM picture, including HAM, extra half bright, hires, interlace, and overscan, using several different wipes. Also has an ARexx port and is fairly small. Version 0.1, binary only. By Aric Caley FF274

SlideShow Very nicely done slide-show program written in assembly language. Features forward/backward presentation and creative screen wipes. Currently works only with IFF lo-res pictures. Executable only along with some new IFF pictures to have come my way. Shareware ($16). Authors: Mike McKittrick and Sheldon Templeton FF151, AM6

slideshow Instructional text to produce your own slideshows from the Kaleidoscope disk. AM12

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slot A slot machine game written in AmigaBASIC. AM11

SlotCars A fast action one or two player game of 'dueling' slotcars. Shoot rockets at your opponent and avoid his. Binary only. Author: Brian Moats FF254

SltChr Allows users of ASDG's CygnusEd Professional to select a character via point-n-click rather than having to remember (or lookup) the ascii keycode for it. Useful for entering international, special, or infrequently used characters. Version 1.1, fixes a bug present in version 1.0 on disk number 890. Includes source in C. Requires AmigaDos 2.0. Author: Njål Fisketjøn FF902, FF890

SM Small utility to center the display. Recoded version of 'ScreenShift' by Anson Mah (Disk 88), only half the size. Includes source. Author: Anson Mah, Lattice V5.04 recoding by Oliver Wagner FF390

SmallC An Amiga port of the Small-C compiler, written by Ron Cain and published in Dr. Dobb's Journal, in about 1980. Small-C is a rather small subset of the full 'C' language However, it is capable of compiling itself, and other small, useful programs. Requires an assembler and linker to complete the package and produce working executables. Includes source and binary. Author: Ron Cain. Amiga port by Willi Kusche. FF141

SmallClock A small digital clock in a window menu bar as a C program. AM8

SmallLib A replacement for amiga.lib that is about 8 times smaller. Binary only Author: Bryce Nesbitt FF92

SmallMath 'Drop-in' replacements for the Commodore IEEE math libraries for users with a math coprocessor. Since these libraries do not contain the coprocessor-emulation code normally present, they are 60%-90% smaller than the usual libraries. For the same reason, however, they cannot be used without a coprocessor. Version 1.2, an update to version 1.1 on disk 718, fixes a bug in the cmp() function. Public domain, partial source included. Author: Laz Marhenke FF809, FF718

SmallPalette A very short replacement for the WB1.3 'Palette' program using the req.library's color requester. Source in SAS/C included. Public Domain. Author: Stefan Zeiger FF636

SMan A Mandelbrot generation program. Uses the mouse to select regions within borders of the Mandelbrot set to zoom up to magnifications of 10**19. Includes math coprocessor support and options to save images as an IFF file. Shows example of assembly programming of extended precision for the 68881. Includes source. Author: David McKinstry FF447

SmartDisk A 512K pre-fetch scsi cache that currently supports xt.device, gvpscsi.device and scsi.device. For users with not more than one drive on a device only. Version 1.3.1, includes source. Author: David Le Blanc FF754

SmartED Demonstration release of a DX7 voice editor, librarian, bulk storage utility. When you run the Smart-ED demo you have one voice. Load, Save, and Receive voice have been disabled. This is version 1.0, binary only. Author: William Adjei FF708

SmartFields SmartFields is a replacement for Intuition string gadgets. It allows you to incorporate into your Amiga C programs the powerful editing capabilities often found in mini- computers. Includes full C source and documentation. Author: Timm Martin. FF430

SmartIcon This shareware program, submitted by the author, is an Intuition objects iconifier. Version 2.0 is still limited to iconifying windows, which is still very handy. It adds a new 'iconify gadget' to each window, that when clicked on, iconifies the window into an icon in the ram: disk. This is version 2.0. Includes source. By: Gauthier Groult FF316, FF214, FF134

SmartPlay A quite small, and really fast multiformat moduleplayer for OS2.0+. Supports most moduleformats around, and will play all modules with the _right_ replayroutines. The CPU usage of this player is also really low, so it will run fine even on a 7MHz Amiga, while doing some highspeed serial transfers. 100% coded in assembler. Version 3.1, binary only. Author: Peter Hjelt FF899

SMaus A highly configurable 'SUN-mouse' utility, implemented as a commodity with a graphical user interface. It activates the window under the mouse pointer if you move or after you have moved the mouse or if you press a key. You can specify titles of windows which shall not be deactivated using wildcards. Requires at least AmigaOS 2.04, uses locale.library if available. Includes english and german docs, german catalog file. Version 1.17. Shareware, binary only. Author: Stefan Sticht FF868

Smith-Corona D300 Printer driver for the Smith-Corona D300. AM9

sMOVIE A smooth scrolling text displayer, useful for creating video titles, slide show intros, etc. Includes source. Author: Martin Round FF362

Smus3.6a An enhanced version of the smus player that last appeared on FF58 Author: John Hodgson FF167

Smush Another display hack, feed it an IFF file and see what happens. Binary only. Author: Hobie Orris FF81

SMUSMIDI Converts SMUS Files output by Electronic Art's Deluxe Music Construction Set into standard MIDI files that can be read by modem sequencing software. Version 1.0, includes sample data files and source in C. Author: Thomas E. Janzen FF537

SMUSPlay Amiga Music Player AM23

SmusPlayers Two SMUS players, to play SMUS IFF music formatted files. Executables only. Author: John Hodgson FF58

SNAG_Pointers Results of the Southern Nevada Amiga Groups (SNAG) first animated pointer contest. Authors: Various, pointer animation program by Tim Kemp FF364

Snake A variant on the old 'bouncing lines' program, this one uses multiple vertices and Bezier splines. Includes source. Author: KABjorke FF89

Snake An updated version of the old computer game which lives in a Workbench window. You control a 'snake' which grows by eating 'frogs' and avoiding obstacles. Requires AmigaDOS 2.0. C source included. Author: Michael Warner FF810

SnakePit A simple, yet addictive game in which you must get the snake (you) off of the screen. There are, however, some rough spots and some obstacles that may need to be overcome. Excellent example of a game that is as system friendly as possible(with source). By: Michael Sinz FF343

Snap A tool for clipping text or graphics from the screen, using the clipboard device. Snap finds out character coordinates automatically, handles different fonts, keymaps, accented characters, and more. Version 1.63, contains a small bug fix to version 1.62 on disk number 524. Includes source. Author: Mikael Karlsson FF793, FF524, FF326, FF274

SnapShot A small utility for dumping screens. This one works like POPCLI and stays dormant until you press Ctrl-Esc. Previous release on FF66 did not work with with expansion RAM, this one does. Binary only. Author: Francois Rouaix FF73, FF66

SnapWindow A small utility that allows you to attach window activation/ pop window-to-front to function keys. This allows you to instantly find and activate the desired window. Also includes a sunmouse and screen blanker. Version 1.0, binary only. Author: Jason Scott Chvat FF880

snare drum Sound demonstration icon-driven part of a set on AMICUS 10 AM10

SnipDemo Demo version 1.23 of signal processing program sold by Digital Dynamics. Binary only. Author: John Hodgson FF199

SnipIt An input handler wedge which allows you to clip text from any window and then paste that text anywhere, as though you had typed it on the keyboard. You mark the text you want to 'snip' using the mouse, and then use the mouse to 'paste' the last snipped text into the active window, requester, or anywhere. Version 1.2, includes source. Author: Scott Evernden FF217

SnoopDos A utility for monitoring AmigaDOS calls. In particular, it allows you to see what libraries, devices, fonts, environment variables or startup files a program is looking for. Very useful when you're trying to install a new application. Version 1.5, an update to version 1.2 on disk 451. Includes source in C. Author: Eddy Carroll FF725, FF451, FF388

Snow AmigaBASIC makes snowflake designs. AM25

SnowFall Another program in the long tradition of screen hacks for the amiga. Watch the snow fall, get blown around by the wind, and collect in realistic heaps. With source. By Lars Clausen FF303

Softballstats Maintain softball statistics/ team records. AM25

Softfont Converts portrait soft fonts for HP LaserJet compatible laser printers to landscape format. Includes source. Author: Thomas Lynch FF342, FF327

SoftLock A program to help prevent unauthorized access of your bootable hard drive by requiring a password each time you reboot. Has been tested under both AmigaDOS 1.3 and 2.04. This is version 1.0.2, an update to version 1.0.1 on disk 633. Shareware, binary only. Author: Allan Baer FF826, FF633

SoftProtect A software disk write-protection. With the permission of the user, disables floppy writes even on write-enabled disks. Switches to enable/disable states with a gadget. Runs from both WorkBench and CLI. An update to 'AskFirst' on disk number 753. Includes source in assembly. Author: Kamran Karimi FF870

SofTrack Opens a little window that shows the current track number of the heads of each floppy drive and whether a read or write operation is in progress. Runs from both WorkBench and CLI. Includes source in C and Assembly. Author: Kamran Karimi FF754

SoftSpan Soft Span BBS program. Intuitive, command-line based menu system with message bases, uploads, downloads, file credit system, extensive help system, etc. Version 1.1, an update to that on FF343, includes bug fixes and some enhancements. Binary only. Author: Mark Wolfskehl FF374, FF343

Sol Amiga version of solitaire game posted to usenet some time ago and modified to use Amiga console control codes in place of curses calls. Includes source. Author: David Goodenough; Amiga port by Joel Swank FF103

Solit A freely-distributable, non-Klondike, solitaire card game for the Amiga under Workbench 2.x. Version 1.06, binary only, shareware. Author: Felix R. Jeske FF882

Solitaire A shareware solitaire game of klondike solitaire. The rules can be varied, and there are five different ways of working through the deck. Also includes an undo function that will un-move more than the last move, a wrapup function for when a game is all but won, a palette requester to fine tune the colors to your liking and a save-setup function that remem- bers how all the options are set. This is version 1.9, an update to version 1.8 on disk 511. Shareware, binary only. Author: Gaylan Wallis FF711, FF511

Solitaire An amiga version of klondike solitaire. Provides multiple options including six different decks, customizable game rules, game timer, the ability to view a stack, and an undo feature. Binary only. Author: David Meny and Albert Penello FF712

Solitaire Two new ABasiC games, Canfield and Klondike. Author: David Addison FF32

Solitaire Yet another solitaire game. Nicely done with good graphics and sound. Shareware. Author: Pat Clark FF512

SolitaireSamp Sampler package of an integrated collection of five Solitaire card games. Included are: Carlton, Martha, Pas Seul, Slider and Poker Squares. Nicely done, with online help and instruc tions. Binary only. Author: Richard Brown & Tower Software FF857

SolitaireX A solitaire game. Features include all possible moves shown with a pulsing green box around the card, reshuffle, unlimited undo, and tournament mode. Binary only. Author: Stephen Orr, Gregory M. Stelmack FF448

Solve Linear equation solver in assembly language. Source code, executable program and documentation. AM19

SonicArranger Demo version of a music program that supports sampled and synthesized instruments as well as sound and note transposes for patterns. The optimizer can be used to reorganize the internal data structure of a song. SonicArranger allows 254 instruments created from 64 sampleslots 64 synthetic waves adsr's lvo's and sound effects. Can also load and convert noisetracker 2.0 compatible song modules. Version 1.36b binary only. Author: Carsten Schlote FF569

SonixPeek A utility to let you list all the instruments used by one or more Aegis Sonix score files. It can scan individual files, or search one or more directories, checking all score files in each directory. The output is a list of all the instruments you need to have present in order to be able to play the indicated score files. Includes source. Author: Eddy Carroll FF217

sortc A quicksort based sort program, using separate driver and sort modules. Originally from a DECUS C distribution. Claims to be fast, but when operating entirely out of RAM takes 93 seconds to sort its input file, sort.c, while AmigaDOS's sort takes only 43 seconds under the same conditions Author: Dave Conroy, Martin Minow, and Ray Van Tassle FF6

Sound Sound sample player. Will play ANY file as sound. Understands IFF, stereo, and fibronicci compression. Can play direct from disk. Uses only 4k of chip ram. Effects include fade and grow. Works from CLI or WorkBench, all OS thru 3.0. Includes complete C source. Author: Richard Lee Stockton FF771

Sounddemos Some very nice demos for showing off the incredible audio power of the Amiga! 100% assembly language, make sure you have the stereo connected for these! Author: Foster Hall FF167

SoundEd Demo version of an 8SVX sound editing package, written in machine code for optimum speed and minimum size. Can also be used for digitizing with SoundEd or Perfect Sound hardware. Version 1.0, demo, binary only. Author: Howard Dortch and Mike Coriell FF486

SoundEditor An 8SVX stereo sound file editor written in assembly language for speed and minimum size. This is V.98, an update to V.80 on disk 355. Many new features including a working digitizer, raw loads, raw mac loads, time markers, rate converters, delay, ramp, filters, scroll, and it will iconify. Binary only. Authors: Howard Dortch, Mike Coriell, Matt Gerald FF416, FF355

SOUNDEffect Sound sample editing program. Special features include: temporary buffers, frequency and amplitude modulation (tremolo and vibrato), echo, special reverb effect, chorus effect, mixer, free hand editing, low and high pass filter, compresser, expander, limiter, distortion and all usual functions (copy, paste, insert, cut, looping, zooming etc.). Version 1.30, shareware, binary only. Author: Sven Bühling FF793

SoundExample A double buffered sound example for Manx C using 16-bit ints, small code, and small data. Author: Jim Goodnow FF55

Sounds Text explanation of Instrument demo sound file format. AM1

SoundZAP A sound conversion utility that will convert almost any of the sampled sound file formats available on different platforms to the Amiga's IFF 8SVX format or into RAW data. It recognizes .VOC, .au (ulaw, 16, 24, or 32 bit samples), .WAV, and Macin- tosh headered samples, and converts them appropriately. It can also identify ulaw, signed, and unsigned RAW data, converting it properly. It treats unidentifiable headered files as RAW, so they are treated properly also. Version 2.3, includes source. Author: Michael Cramer FF646

SourcOpt A little assembly language source optimizer. While most assemblers have optimization, they optimize the compiled code. One disadvantage of this however, is when debugging code thru a disassembler or monitor, the code you see differs from that you have written because of the optimization. By optimizing the source first, you can eliminate some of these differences. Version 1.0, binary only, CLI usage only. Author: Alexander Fritsch FF771

Sozobon-C Atari ST version of what appears to be a full K&R freeware C-compiler, assembler and linker. The compiler main pass and the assembler were compiled and tested on an Amiga A2000 with only minimal changes, and they appear to work (to the extent that they believe they are running on an Atari-ST), so an Amiga port should be relatively easy. By Sozobon, Limited. FF171

Space Citadel Space Empire is a multiplayer game for up to 25 players. The documentation shows how to set it up as a door for the Citadel BBS. Version 2.6, binary only. Author: Tony Preston FF662

SpaceAceDemo Shareware shoot-em-up spaceship game. Binary only. Author: Stephen McLeod FF90

spaceart One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

SpaceII A hot-key program with over 50 functions including four screen blankers, screen shuffler, path/filename transmitter, text reader, virus checker, boot block display, calculator, disk copier and/or formatter, palette selector, screen dumper, etc. Version 2.3 beta, binary only. Author: Edgar M. Vigdal FF717

SpaceLog A database containing data for all of the man related space missions of the United States and the Soviet Union that were related to the development of manned space flight, from the beginning of the space age to the

present (368 missions), listed in chronological order. Includes an AmigaBASIC program to manipulate the database. Version 1.54, binary only. Author: Gene Heitman FF305

SpaceWar A two player game with each player controlling a spaceship. The object is to shoot the other player, gaining one point for each kill. The game ends when a player reaches fifty points. Version 1.11, binary only. Author: Jeff Petkau FF420

Spades This is an Amiga version of the card game spades. It is a one player version, where the computer plays your partner and two opponents. This is version 1.2, an update to version 1.1 on Disk 392. Includes source in C. Author: Greg Stelmack FF485, FF392

sparks Graphics demo that draws a 'moving pathway', adding to the front and removing from the tail (sure is hard to come up with verbal descriptions of these things!) By Scott Ballantyne FF9, AM1

Spartan The sources to the Spartan PD scsi interface driver for Amiga 500 and Amiga 1000 originally by Paul Harker. This is an enhanced version that includes a major bugfix and * SCSI-Direct support. Versions 34.3 (generic) and 34.4 (true SCSI). Author: Several, see documentation FF787

Spawn Programmer's document from Commodore Amiga, describes ways to use the Amiga's multitasking capabilities in your own programs. AM15

SPClock A clock that uses sprites to display the time. This allows the clock to remain visible no matter what screen is being displayed and no matter where you scroll on a Workbench 2.0 autoscrolling screen. Version 2.1, includes source. Author: Mark Waggoner FF704

Speaker Speech utility. ABasiC program. AM1

SpeakerSim Demo version of SpeakerSim 2.0, a loudspeaker CAD program. Simulates vented (Thiele-Small) and closed box systems. Also simulates 1st, 2nd, and 3rd order high and low pass filters. Binary only. By: Dissidents FF340

SpeakIt Speech and narrator demo. ABasiC program. AM1

speakspeach One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

speaktime Speaking program which will tell the time. Executable program and documentation. AM12

Spectrogram Amiga Spectrogram computes a frequency analysis of any 8 bit audio data file and creates a high resolution color display showing frequency content versus time. Display color is continuously adjustable. This type of display when applied to the human voice has been called a voiceprint. This tech- nique has also been used to analyze sounds of many kinds of animals including birds, dolphins, whales, etc. The audio data file can be replayed at any desired rate, giving a simultaneous audio and visual representation of the sample. A selection of interesting audio samples for analysis by Amiga Spectrogram is included. Version 6.3, binary only. Author: Richard Horne FF543

Spectroscope A program for realtime frequency analysis with PerfectSound-2 compatible audio digitizers. Version 1.1, includes source in Oberon. Author: Christian Stiens FF666

speech Sample speech demo program. Stripped down version of 'speechtoy' Author: Rob Peck FF1

speech.demo A simplified version of speechtoy. Also includes exec support functions for extended IO requests, CreateExtIO() to allocate and initialize a new IO request block and DeleteExtIO() to free an extended IO request block By Rob Peck FF5

speecheasy One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

SpeechTerm Terminal emulator that can speak the received text. Also has XMODEM file transfer. Author: Leftheris Koutsofios FF20

speechtoy Latest and greatest version of Dave's cute speech demo program. Comes with custom icon so you can be run from a workbench screen. Author: Dave Lucas FF5, FF1, AM4, AM1

Speed A performance benchmark useful for comparing Amiga processing speeds. Performs 10000 iterations of some selected groups of 68000 instructions while using the DateStamp time function to record how many ticks it takes to complete. This timed duration is then compared against two known prestored times, one for a stock A2000 Amiga and one for an A2620 enhanced A2000. A relative comparison is calculated and displayed. Version 1.0, includes source in assembly language. Author: Jez San FF237

SpeedDir Another faster directory lister type program. This one uses the standard dir utility format for displaying directories. Written in assembler, includes source. Author: Bryce Nesbitt FF75

Spell A port of a Unix version of a freely distributable screen oriented, interactive, spelling checker. Update to FF54, with enhancements by Tomas Rokicki. V2.0.02, with source. Author: Pace Willisson; enhancements by Tomas Rokicki FF191, FF13

SpellCheck A program which aids you in learning foreign words. You enter the words and their translations, and then the computer quizes you later. Version 1.3, update to version 1.2 on disk 606. Binary only. Author: Torgeir Dingsøyr, Pantheon Softworks FF701, FF606

Spelling simple spelling program in AmigaBASIC. AM8, AM1

Spew Program which generates amusing 'National Enquirer' type headlines. Works from a 'rules file' which describes how the headlines are to be constructed. Includes source. Author: Gregory Smith (original by 'mark@pixar') FF69

sphere One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

Spice3 A version of the SPICE3e2 circuit analysis program which has been modified to run on the Amiga. This version is written in C as opposed to the FORTRAN version on disk 278 and includes dynamically allocated memory interactive post-processing and graphical plots. Requires a minimum of 1 MB of memory. Version 3e2. Binary only. Author: Many at UC Berkeley amiga port by Brett Larson FF578

Spiff Make controlled approximations between two files. Similar to 'diff' but more versatile. Allows for the handling of numerals as string literals or numeric values with adjustable tolerances. Provides for embedded commands, scriptfiles, and many other command-line parameters. Potentially very useful, but needs some Amiga-specific work. Source and some example files included. Author: Dan Nachbar, Bell Communications Research (BELLCORE) FF172

Spigot This ray-traced animation, using overscan HAM and sound effects, is Eric's entry to the 1989 BADGE Killer Demo Contest it won 6th place. Binary. By Eric J. Fleischer (Dr Gandalf) FF272

Spin3 Simple program that creates spinning cubes and transforms them into op-art. Example of how to create a double buffered display with color tables that can be changed. Author: Ronald Peterson FF32, AM12

SpinPointer While going through some musty archives I found this little gem that got overlooked before. It is a short source module that provides a 'busy' indicator replacement for the standard mouse pointer. Includes source. By Mark Rinfret FF269

spiral One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

SpLi A program for generating spheric lissajous figures. Algorithm taken from 'Spektrum der Wissenschaft'. Version 1.00. Public Domain. Includes C sourcecode. Author: Carsten Raufuß FF584

Spliner A spline screen blanker commodity derived from Tom Rokicki's Mackie utility with a programmable pattern change timeout. Binary only. Author: Tom Rokicki and Sebastiano Vigna FF569

Spliner A spline screen blanker commodity, derived from the spline code extracted from Tom Rokicki's Mackie and encapsulated into a standard AmigaDOS 2.0 commodity. Binary only. Author: Tom Rokicki, Sebastiano Vigna FF517

Splines Program to demonstrate various curve fitting and rendering techniques. Also includes something unique for the Amiga world, pop-up menus. Includes source. Author: Helene (Lee) Taran FF97

Split The opposite of the AmigaDos JOIN command. Use it to split textfiles that are too large to edit on your computer, files for email-delivery that have a file size maximum... etc. The created files have the same name as the original except with an extension of two digits. Version 1.0, binary only. Author: Jonas Svensson FF798

SplitQ Opposite of the AmigaDos 'JOIN' command. A portion of the file specified by offset from the beginning and length is saved to a new file. The syntax is like the BASIC function MID$(). Parts can be rejoined with the 'JOIN' command. Version 1.1, includes source. Author: Dieter Temme FF750

Spool The SPOOL system consists of 3 programs: A queue manager, a printer driver, and a SPOOL request program. The SPOOL system demonstrates the power of the Amiga's mutitasking abilities in a very practical way. It makes extensive use of Amiga Exec's message passing facilities and list-handling primitives. Version 1.2, includes source. By Tim Holloway FF69

Spots A useless but pretty 24-bit-RGB and HAM spot-paint-program. Handles scripts to render animations. It needs arp.library or WorkBench 2.0. Check out the examples to see if you like the effect. Version 1.10, binary only. Author: Ekke Verheul FF797

SpreadSheet A simple 'Visicalc-like' spreadsheet calculator. Also known as 'vc' but there is currently a debate about whether or not that name is a registered trademark. The version on FF36 was based on an earlier version of the same source. This release also includes source code. Author: James Gosling, Mark Weiser, and Bob Bond Amiga port by Dave Wecker FF53

Spright Spright is a sprite making utility. Simple or attached sprites can be saved to a file ready to be added to your program. The colors used with the sprite(s) will also be saved. Version 1.2, binary only. Author: Todd Neumiller FF484

SpriteClock A very simple clock that uses a sprite as it's display medium, thus allowing it to be displayed on top of all other screens. Includes source in assembly language. Author: Darrel Schneider FF43

SpriteEd Lets you simultaneously edit two sprite pairs to form a double wide sprite image. Suggested $10 donation. Author: Scott Lamb FF40

SpriteMaker Program which lets you paint sprites and then converts data structure to be used in programs. Allows interactive testing of the sprite as a pointer. Suggested shareware donation of $15 for source code and updates Author: Ray Larson FF35

SpriteMasterII Sprite editor and animator by Brad Kiefer. Executable program and documentation. AM20

Sproing Same as Oing but includes sounds of balls colliding with boundaries. Author: Leo Schwab FF33

SPUDclock A simple program that uses the narrator device to speak the time at certain user specified intervals. Lots of command line options. Version 1.2, includes source. Authors: Robert E. Beaty and H. Bret Young FF165

Spy A program that tracks calls to AmigaDOS and Exec functions, reporting them to the screen, along with their calling parameters and the results. Version 1.0, includes source. Author: Federico Giannici FF369

Sq.Usq Portable versions of the CPM sq and usq utilities. Author: R.Greenlaw, many changes by Bill Swan FF51, FF10, AM2

SrcAnalyzer Filter/Statistics program which analyzes standard 68000 assembly source code and produces mnemonics statistics while also filtering out all unrecognized lines. Output files can be fed directly to a small barchart display program 'chart' (included). Source to 'chart' SrcAnalyzer binary only. Author: Laurence Vanhelsuwé FF629

SRegExp A runtime library of routines for doing wildcard pattern matching and wildcard path matching. It accepts a slight extension of the AmigaDOS wildcard syntax, including a 'not' operator and character sets. This is version 11.1, includes source. Author: Jon Spencer FF527

SSW Solar System Wars is a game similar to Space Wars, pitting two players against each other, in orbit around 0 to 3 stars. You can choose from 48 different solar systems, or use the random system selector for a different challenge every round. A variety of weapons are available. Supports two button joysticks but does not require them. Version 1.14, binary only. Author: James Cleverdon FF839

ST2Amiga A program to convert Atari ST format relocatable executables to Amiga format relocatable executables, for subsequent loading into the ReSource disassembler and conversion to Amiga. ST2Amiga should also compile and run on an ST. Version 1.1, includes C source. Author: David Campbell FF448

Stack is a replacement for the BCPL stack program. Includes some source. Author: Glen McDiarmid and Kirk Davies FF105

StackCheck A program that determines the maximum stack usage of another program. It uses a completely different method than all the other stack-watching programs like WatchStack or Xoper and is very reliable. In most cases it does not require any CPU time to do its work. Version 1.0, includes source for Aztec C and GNU C. Author: Günther Röhrich FF870

StackWatch Monitors the stack of any selected task or process 30 times per second and reports the allocated stack, maximum stack used, and current stack used. Version 1.0, binary only. Author: Jim Locker FF494

StAid2 Demo of the multi-purpose educational UTILITY called 'Student Aid]['. This utility allows you to create, load, edit, practice and print TRUE/FALSE, MULTIPLE CHOICE and FILL IN THE BLANK tests or quizzes on any subject you desire. It will also save grades to monitor progress. This demo contains some sample tests on various subjects, and has all features enabled except for SAVE TEST. Works on WB1.3 to 3.x, NTSC & PAL. (May not work with FastROM). Ver 0.8, binary only. DEMO is freely distributable. Author: Rick Rojas FF895

Stairs This AmigaBASIC program demonstrates a musical illusion based upon perceptual circularity of widely spaced tones whose volumes are defined as a sinusoidal relationship to their frequency. Author: Gary Cuba FF121

Star Destroyer A hi-res picture of the Empire's Star Wars starship. AM12

Star Three C functions that you can easily incorporate into your programs to draw stars. Includes source. Author: Jason Lowe FF592

Star Wars IFF picture of the enemy walkers from the ice planet AM15

star10 Assembler program, makes star fields like Star Trek intro. In C source code and executable. Documentation included. AM12

StarBlanker A screen blanker that replaces your display with a randomly chosen animated starfield. Version 1.00, includes source in Modula-2. Author: Chris Bailey FF308

StarChart Nicely done intuition based program to display and identify about 600 stars, galaxies and nebulae visible in the Northern hemisphere. Version 1.2, includes source. Author: Ray R. Larson FF159

StarClock StarClock displays time, date and stardate of the popular TV series Star Trek in a small window on the right hand side of the workbench screen. StarClock is a commodity. Requires OS 2.0 or greater. Version 1.01, binary only. Author: Michael Laurent, Volker Goehrke FF810

Starflight An IFF picture. AM6

StarProbe Program studies stellar evolution. C source included for Amiga and MS-DOS. In C source code, executable, and documentation. AM18

Stars Hobie's entry for the Badge Killer Demo Contest. Based on original code by Leo Schwab, has credits longer than the actual demo. Runs on 512K Amiga. Binary only. Author: Hobie Orris FF118, FF33

StarTerm Starterm version 3.0. Very nice telecommunications program ASCII and XMODEM support, telephone dialer, function keys, load file stripping, text file conversion, full/half duplex. Author: Jim Nangano Author's suggested shareware donation: $20 FF30, FF12, AM8

StartUps Three replacements for the standard C startup files, Astartup.obj and LStartup.obj. The options include: (1) BothStartup.obj, for WorkBench programs or CLI programs with or without command line parameters, (2) WBStartup.obj, for WorkBench programs or CLI programs that require no command line parameters, and (3) CLIStartup.obj, for CLI programs that require command line parameters but do not need to be able to be runnable from WorkBench. Includes source. Author: Bryce Nesbitt FF101

StartupTip Text file tips on setting up your startup-sequence file. AM9

Stat An enhanced version of AmigaDOS 'status' command.

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AM15

Statistics Provides statistical data on ASCII text files regarding file length, number of letters, words and sentences, average word length, etc. Written in assembler for minimum size and maxi- mum speed. Version 1.26, binary only. Author: Nico Max FF744

Statpack Demo version of a statistics and data manipulation program. Version 3.2, binary only. Author: James Lindsey FF386

StatRam Stat-RAM or 'SD0:' is a very fast recoverable ram drive that takes advantage of FFS under WB2 or FFS International under WB2.1 or 3. This work is based on ASDG's 'VD0:'. ASDG-RAM has been reliable for many years since it was placed in the PD. However it has always been slow because it uses OFS, or old file system. On an accelerated machines, SD0: is up to 7 times faster, and averages 5 times faster than the original VD0:. It's also 4 to 5 times faster than RRD. It survives the deepest re-boot, even the ColdReboot of rekicking a KS file. Version 1.5, binary only. Author: Richard Waspe FF871

Stats Program to calculate batting averages. AM15

StatueOfLiberty Evening view of the great lady's profile in an IFF pictiure. AM7

StdFile A module that can be linked with any Intuition based program to provide a standard file requestor similar to the one in AmigaDOS 2.0. Even if you use the standard requestor under 2.0, it is useful to have one available for use if you need to run on pre-2.0 systems. Includes source. Author: Jeff Lydiatt and Peter da Silva FF402

Steal A program that grabs parts out of a display. It is used to grab parts from Intuition's structures, such as gadgets, menues, and screens. Version 1.1, includes source. Author: Rick van Rein FF541

StealMemBoot A small utility designed to be a direct replacement for NoFastMem kind of programs. It modifies the boot block of a disk, so when you boot with it, all memory allocations will return only CHIP memory. Author: Alex Livshits FF150

steel drum Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Steinschlag A tetris like game (Steinschlag means 'Falling Rock') submitted by the author. This is version 1.8, Binary. By Peter Handel FF238, FF221

STEmulator Turns your Amiga into an Atari ST (sort of). Be sure to read the README file for the true story. By David Addison FF43

StereoDemo A demo of stereoscopic graphics, written in assembly language. Requires red/green stereo glasses to view. Includes sources. Author: David M. McKinstry FF206

Stevie A public domain clone of the UNIX 'vi' editor. Supports window-sizing, arrow keys, and the help key. This is V3.7a, an update to FF217. Changes include the addition of ARP wildcard expansion for file names, support for the 'lcmd' feature of vi, other small enhancements, and some bug fixes. Includes source. Author: Various, Amiga work by G. R. (Fred) Walter FF256, FF217, FF197, FF166

StillStore A program designed for freelance, corporate, and broadcast television. It loads and displays IFF images of any resolution interchangeably from a list file or as inputted directly (I.E. random access). The user may easily skip forward or backward one or more pictures in the list. A 'generic' display is always just a few seconds away. The program can be used 'on air' with no concern that a pull down menu will suddenly appear in the viewable area. It also provides for a precise cue for changing windows or screens. While the main purpose is to load 'news windows' of 1/4 screen size, StillStore can also handle full-sized and overscanned images. Also includes slide show modes and a screen positioning feature. Stillstore is written in the Director language from the Right Answers Group. This is version 1.2.1, an update to version 1.2 on disk 317. Binary only, source available from authors. Author: R. J. (Dick) Bourne and Richard Murray FF454, FF317

Stitchery This shareware program loads in IFF images and creates charted patterns from them for use in counted cross-stitch and other forms of needlework. It requires one megabyte of memory to run, and works best with a good high-resolution printer for printing the patterns. The Stitchery was written with The Director and the Projector is included. Version 1.21. Author: Bradley W. Schenck FF350

Stock-Portfolio: A program to organize and track investments, music libraries, mailing lists, etc. in AmigaBASIC. Author: G. L. Penrose. AC11

StockBroker A program that helps you follow the recent table of exchange from one (or more) share(s). But of course you must tell the Amiga the recent table of exchange every day. Requires AmigaBASIC. Binary only. Author: Michael Hanelt FF343

StopWatch A program to time events including intermediate events with an overall accuracy of about 250 milliseconds (since the timing events are registered by human interaction). Version 1.0 binary only. Author: Joe Rattz Jr. FF583

StopWatch A stop watch application with the precision of one millisecond (variable) which scans the joystick button. Full multitasking capability and intuition interfacing additional display screen for genlock output ARexx port for parameter/result handling and screen manipulations. Written in Modula 2 and assembly language. This is version 3.0S an update to version 2.0 on disk 466. Binary only. Author: Christian Danner FF581, FF466

STReplay A shared library which allows loading and playing of SoundTracker modules, even from high level languages like Basic or C, without any special effort. Includes source. Author: Oliver Wagner FF258

String, Boolean C programs and executables for Harriet Maybeck Tolly's Intuition tutorials. In C source code, executable program, and documentation. AM19

StringLib A public domain reimplementation of the UNIX string library functions Author: Henry Spencer @ U of Toronto FF29

Strings A simple utility with command-line options for locating strings in a binary file. V 1.0, includes source. By Joel Swank FF174

StripANSI Removes all ANSI codes from a text file so that only the bare text remains. It is useful for editing terminal program capture buffers. Two versions are provided: one for the command line (CLI) and one with a full Intuition interface. You can selectively strip certain codes, and generate a report. New features include more codes, better help, and tab expansion. Version 1.2, an update to version 1.0 on disk number 581, Includes source in 'C'. Author: Syd L. Bolton FF798, FF581

stripc Strips comments and extraneous whitespace from C source files. Useful for compacting the C header files to increase usable disk space. Author: Chris Metcalf FF6

StripCR This little program just makes a text file ready for use with AmigaDOS, with only LineFeed characters (LF) to mark the end of a line. If you feed it a file with ONLY Carriage Return characters (CR), (from a Macintosh for example) it will replace them with the LF character and, if the file requires no changes, then it does not get changed, includes source in assembly. by: Bill Nelson FF237

striper One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

StripIt A programming utility that strips all kinds of comments from given source codes of all programming languages. It is con- trolled by a config file which includes the rules of the com- ment chars. Some configuration files included. OS 2.xx only. Version 1.3, freeware, binary only. Author: Hans-Peter Guenther. FF750

StripLF Completes the set of StripCR and PlusCR. It will change an LF only file into a CR only file. If used in combination with StripCR and PlusCR, it completes a text file conversion system, includes source in assembly. Author: Bill Nelson FF237

Struct-Saver A utility to save the whole menu or gadget structure of a window as C-source code. Useful if you want to make a 2.0-tool running under 1.2/1.3, gadtools generates all necessary menu structures in memory, this tool saves them as source code. Version 1.20, first release, requires OS 2.0. Includes source in C. Author: Thies Wellpott FF761

STScan A utility program for using a Siemens ST 400 SCSI flatbed scanner with the Amiga. Can be adapted to other scanners and serves as an example of scsi-direct access to scsi devices. Version 2.0 an update to version 1.0 on disk 560. New features include image processing and vectorization functions that can be used without any scanner. Includes source in C. Author: Frank-Christian Kruegel FF609, FF560

STSLib Blink compatible library required to recompile PrLabel. This library supplies gadtools-like 3D look gadgets (including check boxes radio buttons and cycle gadgets) and menus whose layout will be adjusted for different default screen text fonts under AmigaDOS V2.0. Version 1.0 link library only. Source and documentation available from the author for a fee. Author: Andrew Martin SciTech Software FF599

Stuffer MIDI Utility to construct and transmit any type of MIDI message. Message building can be done via mouse or keyboard in hex decimal or mnemonic form. Supports standard MIDI files and Roland SYSEX checksumming. Version 0.9b binary only. Author: Laurence Vanhelsuwé FF626

STV Simple text viewer with mouse and keyboard scrolling, text search, and hooks to be launched onto custom screens. Works great under both Workbench v1.3 and v2.0 and from the CLI or icon. Version 1.00a, includes full C source. Author: Timm Martin. FF427

SubAttack A 'shoot the ships' type of game based on an old arcade game where you have to fire your torpedos at the right time so that they strike a ship as the ships move across the screen. This is version 1.0 shareware binary only. Written in compiled AMOS. Full source available from author. Requires 1Mb or more of memory. Author: Perry Rosenboom FF554

Subscripts Ivan Smith's AmigaBASIC subscript example. In C source code and documentation. AM19

Sugar A HAM picture of a blond girl FF72

SugarPlum Plays 'The Dance of the Sugarplum Fairies'. ABasiC program. AM1

SunClock Displays a map of the world showing the portion that is presently illuminated by the sun. Version 1.0, ported from X11 and Suntools versions. Includes source. Author: Mark Waggoner, John Mackin, John Walker FF704

SunMaze The 3d maze demo from disk 171, now expanded with shadows in the corridors to give more sense of direction. Includes source. Author: Werner Gunther, Shadows by Dirk Reisig FF255

SunMouse Makes your mouse behave like the Sun Microsystem Sunwindows mouse. You no longer have to 'click' in a window to make it active. Just move the mouse pointer into the window and start typing. Version 1.0, binary only. By Scott Evernden FF65

Super Bitmaps in BASIC: Holding a graphics display larger than the monitor screen. Author: Jason Cahill AC9

SuperBitMap An example program that shows how to use ScrollLayer, how to sync the SuperBitMap prior to printing, and how to create a dummy rastport for dumping the SuperBitMap. Works under 1.2 and up. Author: Carolyn Scheppner and Phil Lindsay FF28

SuperDark A screen blanker with some special features. It is similar to the AfterDark screen blanker in the PC and Mac worlds. Features include a lot of different screen effects, a screen locker, and more. Version 1.5, an update to version 1.2 on disk number 835. Includes source. Author: Thomas Landspurg FF858, FF835

SuperDuper A very fast disk copier and formatter. Can make up to four unverified copies from a ram buffer in 36 seconds. Verified copies from a ram buffer take 67 seconds for one destination drive, plus 34 seconds for each additional destination. This is version 3.00, an update to version 2.02 on disk 753. Includes a program to fine tune some fields in the trackdisk device, and a 'no click' type program. Binary only. Author: Sebastiano Vigna FF903, FF753, FF590, FF561, FF488

SuperEcho A neat program to be used with Perfect Sound-like audio digitizers that generates LIVE audio effects, including Echos, Deep Voice, Squeaky Voice, Many People, M-M-Max Headroom and much more. Binary only. Author: Kevin Kelm FF300

SuperFormatter A easy to user disk formatting program with an Intuition interface. Options include quick format, verify, trashcan icon installation, FFS versus old filesystem, and more. Version 1.0d, binary only. Author: Mark Warpool FF835

SuperLines A new lines demo with a realtime control panel that you can use to change various aspects of the action. Has 10 built in color palettes, support for things like color 'smudge', color cycling, color 'bounce', multiple resolutions, and can display either lines or boxes. Version 1.0, binary. By Chris Bailey FF243

SuperLock A very flexible security program that can lock any or all of the devices present in the system making access to them impossible. It can also optionally lock the keyboard and the mouse. Version 1.01. Requires arp.library. Binary only. Author: Jonathan Potter FF583

SuperMenu An information display system you can use to quickly and easily display text files (and sections of text files) with the press of a button. Version 2.0, shareware, binary only. Author: Paul Thomas Miller FF368, FF297

Supermort A general compounding/amortization routine, using the intuition environment, which can be used for mortgage/loan computations. Binary only. Author: Mark Schretlen FF59

superpad One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

SuperPlay A versatile sound playing utility, that will play any file, with user definable volume and speed. Will also play files randomly from a list. Binary only. Author: Jonathan Potter FF412

SuperRetLab Prints return address labels 3-up on single-wide 3.5 inch by 7/16/ inch label stock. Can print up to 5 lines per label. Version 1.1, includes source. Author: Joel Swank FF304

SuperSpell A global spelling checker that checks your spelling no matter what program you are typing under. Can be used to check spelling when typing on a BBS in a text editor or anywhere else. Comes with a 9000 word dictionary which you can edit add to or replace completely. Version 1.1 binary only. Author: Jonathan Potter FF583

SuperView A shareware file-viewer that displays all types of IFF files with many features like: Workbench support, all display modes, auto overscan, color cycle (CRNG, CCRT), AmigaBasic ACBM files, first cell in and ANIM file, Type 5 animations and more. Written in assembly, pure code for residency under 1.3. Version 3.0, binary only. Author: David Grothe FF367

Suplib The support library needed to rebuild various programs of Matt's from the source, including Dme, DMouse, etc. Update to FF169. Source. By: Matt Dillon FF258, FF168 & 169, FF126

Support Some libraries and other stuff used by other programs on this disk. Placed here simply to avoid lots of duplication. Author: Various FF649

suprshr One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Surf Generates bezier surfaces of revolution. Will produce some amazing pictures of wineglasses, doorknobs, or other objects one could turn on a lathe. Includes the capacity to map IFF image files onto any surface that it can draw. This is version 2.0. Changes include support for data file formats that can be translated to input files for various 3D modeling programs, an increase in the number of grey shades available, and the capability of modifying the endpoints of segments. Source included. Author: Eric Davies FF315, FF170

SurfacePlot SurfacePlot is a math tool for drawing 3-dimensional parame- terized surfaces. Useful for visualizing the surfaces used in various mathematics classes. Allows you to use three separate functions for the X, Y, and Z coordinates. Includes rotation and zoom for changing the viewpoint. Version 2.0, binary only. Author: Ole Bak Jensen FF656

Surveyor A little utility that opens a window on the current screen and displays information about the pointer. Allows for absolute or relative measurement between two points on the screen. Very handy for precise positioning of icons and such. Includes source. Author: Dirk Reisig FF151

Sushi A tool to intercept the raw serial output of Enforcer 2.8b, Enforcer.megastack 26.f, Mungwall, and all other tool and ap- plication debugging output that uses kprintf. This makes it possible to use serial debugging on a single Amiga, without interfering with attached serial hardware such as modems and serial printers. Sushi also provides optional signalling and buffer access to an external display/watcher program. Version 37.7, binary only. Author: Carolyn Scheppner FF733

SVprintf UNIX system V compatible printf(). Assembler AM2

SVTools Some additional useful tools from Stephen

Vermeulen. Includes a new version of Vnews, sit, setstack, retool, memlist, fragit, and yoyo. Includes source. By Stephen Vermeulen FF107

SWAP Memory management may be considered as one of the weak points of Amiga OS. SWAP was written as a trial to provide swapping for Amigas without any special hardware. The main intention is to let the user choose a task, swap it to disk so that its occupied memory is released, and do other things. Later on, he could swap the program back to main memory and let it continue from the point it was interrupted. Includes source in C and assembly. Author: Kamran Karimi FF870

SwapName A variant on the rename command that instead swaps the names of two files. Binary only. Author: Jonathan Potter FF412

sweep.c Sound synthesis example. C program. AM5

sWindows A program that allows you to use the title of a window to specify the screen on which the window will appear. This provides a method of opening CON: and RAW: windows on screens other than the WorkBench, for example. Includes source. Author: Davide Cervone FF500

Swish A small simple screen hack that pushes the screen around using the view port, and simulates a floating motion. Binary only, source available from author. Author: Patrick Evans FF448

switch A pachinko-like game written in AmigaBASIC. AM11

SwitchColors Allows you to switch between three palettes: WorkBench 1.x standard colors, WorkBench 2.0 standard colors and your own palette. Version 2.0, includes source in C. Author: Guido Wegener FF652

Switcher A set of utilities designed for Amiga owners who use a HewlettPackard LaserJet Series Printer and Pacific Data's PacificPage P.E cartridge. These utilities allow the user to leave the Postscript cartridge installed at all times, and switch easily between Postscript and PCL (standard HP) modes. Version 1.0, binary only. Author: Thomas L. Applegate FF766

SwitchWindow A replacement for the CBM 'IHelp' commodity. It allows you to arrange the windows in many different ways via hotkeys and a powerful REXX port. Version 0.85, freeware, binary only, source available from the author. Author: Roland Mainz FF888

Sword Sword of Fallen Angel. Text adventure game written in AmigaBASIC. Author: Andry Rachmat FF32

Synchronicity: Right and left brain lateralization. Author: John Iovine AC10

Synthemania An interesting, very small (and very persistent!) musical piece. If you plan on stopping it without using three fingers, you better read the document file first! Binary only. Author: Holger Lubitz FF153

Synthesizer A sound program in AmigaBASIC. AM9

SynthSong A song created using the freely-distributable program MED V.3.00. Although quite small (63k) on disk, this one expands in memory once loaded, lasting almost 65 minutes. Player program Author: Alex Van Starrex FF521

SYNWORKS A graphics oriented environment for design, training and test of neural networks. The enclosed version is public domain and supports only three network models. Not all options are available but this version provides the most important features to allow users to decide if neural networks are an appropriate solution for their problems. Binary only. Author: Michael Kaiser FF510

Sys A game built on the addictive game PONGO but with several added features. You have been assigned the demanding task of cleaning viruses from your SYSOP's hard disk. To kill a virus, you simply kick a disk at it. There are fifty different levels, and on each level, the speed will increase and the viruses will be smarter and start to hunt you. V2.10, binary only. By: Anders Bjerin FF336

SysInfo A brand new release of this popular program. It reports interesting information about the configuration of your Amiga, including some speed comparisons with other configurations, versions of the OS software, and much more. Version 3.18, an update to version 3.11 on disk 820. Binary only. Author: Nic Wilson FF860, FF820, FF758, FF642, FF625, FF619, FF583, FF571, FF565, FF553, FF502, FF433, FF420, FF368

System config File makes screen 80 columns wide of text in the Scribble! word processor. AM26

SystemInfo A system configuration display program with an Intuition interface. Recognizes about 80 different product codes and about 40 manufacturer ID's. Displays information about all AutoConfig cards, all mounted drives, vectors, processor types, and other useful information. This is version 2.0a, shareware, binary only. Author: Paul Kolenbrander FF644

SystemTracer A tool to view and manipulate various AmigaDOS 1.2 and 1.3 system structures. Version 1.0, includes source. Author: Guido Burkard FF422

Sz'kwa Sz'kwa, a children's game from Northern China, as described by Clifford A. Pickover in his book 'MAZES for the MIND, computers and the unexpected'. Requires Workbench 2.04 or higher. This is version 1.1, binary only. Author: A.R.Mohowitsch FF845

T.Rex A tyrannosaurus rex in an IFF picture. AM6

T3E Converts any text file to an executable. The resulting program will only have a minimum of bytes appended (94 bytes for hunk structure and display-program). The text file is not limited by the size. Freeware, with source in C. Author: Garry Glendown FF521

Tab A tablature writing program for the Amiga, with inStruments for a banjo and a string guitar. Binary. By Jeff deRienzo FF145

Tabu Quarter inch cartridge (QIC) tape backup utility. Works with Microbotics HardFrame. May work with other controllers as well (untested). Includes source. Author: Roy C. Sigsbey FF450

TACL An adventure player for games written with The Adventure Construction Language, a commercial computer language. Includes two sample games; one is text-only and the other is text-graphic. Binary only, plus the TACL source code that was used to write the graphic adventure. Author: Kevin Kelm and Rhett Rodewald FF300

TagBBS Version 1.02 of a shareware BBS system. Suggested shareware donation is $25. Binary only. By Patrick Hughes FF66

TalInCode A bunch of source code for demos, tests, and experiments, that the author wrote over a period of 8 years, mostly for recrea- tion or for general R&D for projects that never materialized. Includes 3D techniques, a maze generator, logarithms, basic utility functions, dos functions, random numbers, and much more. Includes source, mostly in assembly code. Author: David Joiner FF716

talk One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Tank This is Vincent's entry for the First Annual Badge Killer Demo Contest. It is an animation of a 'fishtank simulator', with sound effects and a cute twist. Binary. By Vincent H. Lee FF200

TankHunter A simple action game for two players. Destroy the tank of your opponent. 50 levels are included. You can choose between sound effects or a background song. Version 1.0, freeware, includes source. Author: Benjamin (Pink) Stegemann FF818

TAPDemo Tumble Axis Processor is a Sculpt utility with several functions, including automatically aligning a path's tumble axes so that an object following that path will always face the direction of travel, and production of an easy to read data list containing the location of each node and the orientation of each of its tumble axes. This is a fully functional version except that it will not function on paths with more than 15 nodes. Binary only. Author: Martin Koistinen FF524

TapeCover TapeCover prints out those little paper inserts for casette tape cases. It lets you enter the name of the songs, and the title of each side. It should work on any printer that can print in that semi-condensed mode. Version 1.0, includes source in C. Author: Greg Pringle FF498

Tar A port of a UNIX tar clone that can work with the TAPE: handler (also on this disk) to read and write UNIX tar compatible tapes. Includes source. Author: John Gilmore, FSF, Jonathan Hue, et. al. FF445

Target A little program which takes over the mouse pointer and turns it into a gunsight. Pressing the mouse button flashes the pointer and gives a gunshot. Version 1.23, binary only Author: Matt Fruin and Michael McCarty FF81, AM21

Targis A fast-paced action game. It offers 200 pre-defined levels and the ability to design your own levels and characters. Binary only. Author: David Ashley FF899

Tarot An AmigaBASIC program written by the author as an exercise for learning BASIC. Contains some nice graphic renditions of tarot cards. Author: L.Pfost FF124

TarSplit A port of the OS/9 program that extracts files from UNIX tar archives By James Jones. Amiga version by Mike Meyer. FF53

Tartan AmigaBASIC; design Tartan plaids. AM26

Task Simple example of how to use CreateTask. Includes source. Author: Carolyn Scheppner FF79

TaskControl Nicely done task-handling program allowing you to put to sleep, kill or change priorities of all the currently loaded tasks. Also potentially GURU-producing, so be careful what tasks you kill, change priorities of, etc. Handy window sizer will reduce it almost to an icon to hang around until you want to use it. Binary only. Author: J. Martin Hippele FF159

TaskE A GUI based task manager. It provides you with information on running tasks and allows you to clean up behind failed tasks by closing their windows and screens. In addition, you can attempt to remove tasks by sending them CTRL-C signals, and simply by disabling them. Version 37.1, includes source. Author: Michael D. Bayne FF903

TaskPri A small CLI command that allows you to set task priorities from the command line. Useful for your startup-sequence. AmigaDOS 1.3 and 2.0 compatible. Includes C source. Author: Steve Anderson FF552

TaskX A 'real-time' task editor. Lets you list and set the priorities of all the currently running tasks. Binary only, Version 2.0. Author: Steve Tibbett FF158

TCB Prints information about tasks and processes in the system; assembler source is included. AM26

TCL Port of Tool Command Language, a simple textual language intended primarily for issuing commands to interactive programs such as text editors, debuggers, illustrators, shells, etc. It has a simple syntax and is programmable so TCL users can write command procedures to provide more powerful commands than those in the built in set. Alpha 2 version, binary only. Author: Dr. John Ousterhout, Amiga port by Hackercorp FF447

TClass An 'Intelligent' file identifier. Has the ability to 'learn' new types of files by simply scanning groups of known types of files, and checking the first 20 bytes for similiarities. It then reports on the matching accuracy and adds a 'definition' for the filetype to a brain file. Version 2.9, binary only. Author: Sam Hulick FF792

TD A program like 'TrackDisplay' on disk 399 by Olaf Barthel. It monitors and displays the current track for each floppy disk connected to the Amiga. This is version 2.0, an update to version 1.0 on disk 483. Includes source in assembler. Author: Preben Nielsen FF543, FF483

TDebug Monitor a device by intercepting the EXEC SendIO and DoIO vectors. This will give you most of the IO request information for any device. Version 1.00, includes source. Author: Matt Dillon FF74

TDP A small trackdisplay program that uses whatever screen is up front. Binary only. Author: Tom Kroener FF479

TDraw An easy to use Window Title Bar Pattern Editor for use with TBar. Load, save, test, and edit patterns. Saves script files that can be executed later to change window patterns at anytime (like on boot-up). Includes TRand, a utility to pick a random TBar file so your WorkBench will look different each time you reboot. Version 1.0, binary only. Author: Phil Dietz FF461

Teacher Teacher is a short, simple hack. I won't spoil the fun by telling you what it does. With source. By Jonathan Potter FF204

Technoban A Sokoban type game written in assembler. Features include 4 worlds with 10 levels each new graphics and sounds in every world 32 colors 5 stereo sounds smooth animation an inte- grated editor and a code for each level. Version 4.07 binary only. Author: Tim Schattkowsky FF639

Tek An enhanced version of Dave Wecker's vt100 (v2.6) which includes emulation for a Tektronix 4010/4014 graphics terminal. This is a much improved version of the Tek4010 program from FF52. Includes source. Enhancements by Nick Giordano and Terry Whelan FF108

Tek4010 A Tek 4010 emulator. Author: Terry Whelan, with changes by Steve Poling FF52

Tek4695 A Tek4695 printer driver. Binary only. Author: Philip Staub FF87

Tek4695 A Tektronix 4695/4696 printer driver. Includes source Author: Philip Staub FF96

TenSpeed A ten-speed in an IFF picture. AM6

Term A gift-ware telecommunications program written for AmigaOS 2.0 or higher. Features include total configurability, full ARexx control, Xpr-transfer support, filetype-identification after download, cut & paste/point-and-click on screen, auto upload and download, unlimited size scrollable review buffer, solid and fully-featured VT102/VT220/ANSI emulation, support for external terminal emulation libraries, optional fast atomic terminal emulation, hotkey support, powerful phonebook and dialing functions, ability to save and print the contents of the screen as IFF-ILBM or ASCII file, full overscan and screen resolution support (AGA and ECS screen modes included), asynchronous operation and a lot more. This is version 3.1, an update to version 2.3 on disks 725 and 730. A three part distribution—part one contains the main program, documentation, and auxiliary data files; part two contains the main program as a 68020/030/040 executable, and the program source code; and part three contains the documentation in DVI and PostScript formats. Author: Olaf 'Olsen' Barthel FF831-33, FF725&FF730, FF682, FF589, FF534

Term An update to the binaries released on disks 831 and 832. This is an update only and contains several bug fixes to the executables released in that series. To obtain full benefit from the package, you should also obtain the documentation and support files on disks 831-833. Version 3.4, binary only. Author: Olaf 'Olsen' Barthel FF904

Termcap A port of the GNU termcap library for the amiga. Termcap is a library of C functions and a database of terminal descrip- tions, that allows an application to send control strings to terminals in a way independent of the specific terminal type. Author: Various FF733

termcap A (mostly) UNIX compatible implementation of a termcap library. First ever public release. Author: Fred Fish FF14

TermII A telecommunication program with some nice features including an ARexx Port external process communications XPR support programmable function keys postscript downloading to laser printers phone book programmable panel buttons public screen support etc. Documentation in English and in French. Needs Workbench 2.0. Version 1.1 binary only (some examples in C). Author: Eric Gontier FF576

terminal One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Terminator: A virus protection program. By Russell Wallace AC5

termLite A tiny, almost brain dead telecommunications program written for AmigaOS release 2.x. Can be made resident, supports cut & paste from console window, written as a simple interface to the serial/parallel device driver. Version 1.0, includes source in 'C'. AmigaOS 2.x required. Author: Olaf 'Olsen' Barthel FF535

TermPlus Yet another variant of Michael Mournier's AmigaTerm program. This one includes improved ASCII capture, CRC and checksum xmodem protocol transfers, CompuServe B-protocol transfers, a phone library, function key support, and limited AmigaDOS functions. Enhancements by Bob Rakosky FF33

termtest One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Terrain 3D Program which demonstrates generation of good looking pseudo-random scenery. This version is a derivative of 'sc' distributed on disk 87, but now displays terrain in 3D relief. Includes source. By Chris Gray; 3D version by Howard Hull FF94

Terrain Program which demonstrates generation of good looking pseudo-random scenery. Includes source in Draco. Author: Chris Gray FF61

TES 'The Electronic Slave' adds a gadget strip to the top of the cli window to perform such functions as device directories, info, run ED, and time. Currently, assignments are hardcoded but not difficult to change if you own a

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compiler. Version 1.1, includes source. Author: Joerg Anslik FF162

Tetrix A addictive game of speed, skill and luck. Based on a game originally called Tetris. The object is to fit together oddly grouped falling blocks to create a solid wall, which is then cleared from the bottom up. Sounds simple enough right? Sure...! Shareware, Version 1.1, Binary only. Author: David Corbin FF173

TeX A complete source and binary distribution of TeX version 3.1 and MetaFont version 2.7 for 68020/030 with FPU. Because of it's size it's distributed on six disks (611-616) in archived form. Does not include any pk-fonts previewer or device drivers. Author: Donald Knuth et. al. Amiga port by Edmund Mergl FF611-616

TeXDdemo A demo version of TeX, ported to the Amiga by Tomas Rokicki. I have added 'less' to read the text files. I have copied all the files to a freshly formatted disk, to create the master distribution disk, using xcopy, which preserves the file dates. This insures that disk fragmentation is kept to a minimum. In order to make room for the files I have added, I have compressed the file TeX/inputs/amigatex.tex using a version of compress (compress.b13) that should run on any standard 512K amiga. This version of compress is found in c/compress.b13. To recover the original file, execute the commands: cd AmigaLibDisk83:TeX/inputs :c/compress.b13 <amigatex.tex.Z >ram:amigatex.tex -d. Since this is a demo version of Tom's commercial product, it has several limitations that let you get the flavor of the real thing but encourage you to buy the commercial version. These limitations include TeX being limited to processing only small files, the previewer being limited to displaying ten pages or less, and only a small number of fonts being provided. The full version of AmigaTeX comes on eight floppies and will handle larger documents than most mainframe versions of TeX. See the tex/README file for further info.-Fred FF83

TeXF A selection of 78 TeX fonts, with a conversion program to convert them to Amiga fonts. There are 22 different fonts at various sizes, ranging from 15 pixels high to more than 150 pixels. The conversion program can also be used with the fonts distributed with AmigaTeX, yielding an additional 1000 or so more fonts for use with other Amiga programs. Version 2.5, binary only. Author: Ali Ozer FF135

TeXify A package of ARexx scripts, for CygnusEd users, which allows total control of AmigaTex from within CED. This is version 1.10e, binary only. Author: Wolf Faust FF458

TeXPrt A front-end for DVI printer drivers with a (nice?) GUI. It is highly configurable and can be used with various DVI printer drivers. Configuration files for Georg Hessmann's DVIPrint (PasTeX), DVILJP (AmigaTeX) and DVILJ2P (Gustaf Neumann) are included. TeXPrt has an ARexx port and interprets 18 ARexx commands. TeXPrt runs on an AppWindow and supports an (optional) AppIcon for selecting DVI files. Needs at least Kickstart 2.04. This is Version 2.0, freeware, includes source in C. Author: Richard A. Bödi FF892

text.demo Sample program that asks AvailFonts() to make a list of the fonts that are available, then opens a window and then prints a description of the various attributes that can be applied to the fonts, in the font itself. Previous versions were released as 'whichfont'. Author: Rob Peck FF5

TextDisplay A text display program, like 'more' or 'less', but about half the size and handles all screen formats (pal/ntsc, interlace/non-interlace, etc). Binary only. Author: Roger Fischlin FF244, FF188

TextPaint Version 0.97 of the Ansi editor. Several significant enhancements and bug fixes since the release of version 0.90 on FF346. Features include possibility to reload ansi files or CLI modules, 4 color option, optimized keyboard layout, new drawing modes, right mouse button support (like DeluxePaint) and much more. Binary only. Author: Oliver Wagner FF361, FF346

TextPlus A TeX frontend word processor that provides facilities for tables, lists, mailmerge, footnotes, inclusion of IFF graphics, an ARexx-Port (111 commands) and full OS2.0/3.0 compatibility. Makes use of PasTeX, Georg Hessmann's Amiga implementation of TeX. New features are support for LaTeX, MakeIndex (automatic index generation) and printing via PRT: (TeX is not needed for the latter). Disk 846 contains the English version 4.10, an update to version 4.00 on disk 700. Disk 845 contains the German version 4.10, an update to version 4.00 on disk 700. Shareware, binary only. Author: Martin Steppler FF846, FF700, FF484, FF465, FF375, FF359

TextPort Four text porting utilities: StripCR -strips the CR character from the end-of-line codes of MSDOS text files, for AmigaDOS or unix compatibility. AddCR -converts AmigaDOS text files to MSDOS, but doesn't touch EOL codes that are already compatible. StripHR -strips out hard returns from a text file, leaving paragraph formatting intact. Useful for wordprocessors. Reformat -re-wraps a text file to a different line length. Version 1.0, PD, includes source. Author: Alex Matulich, Unicorn Research Corporation FF886

Textra This easy-to-use text editor allows multiple windows, and provides a simple mouse driven interface. Those familiar with the 'Macintosh style' editors will be comfortable with Textra's Cut, Copy and Paste commands. Documentation inclu- ded. Version 1.12, an update to version 1.0 on disk 239, with many enhancements. Shareware, binary only. Author: Mike Haas FF668,FF239

TextRead A nice, fast, ascii text file reader which was designed to replace More or PPMore. The text output is very quick, since the program writes directly into it's screen memory. Supports printing, different tabsizes, fonts and screen modes. Configurations can be saved. Search routines use the locale library, if present. Requires OS 2.04, ReqTools.library v37+ and PowerPacker.library v35+ (both included). Version 37.16, release 1.03. Freeware, binary only. Author: Martin Blom FF767

Texts An article on long-persistance phospor monitors, tips on making brushes of odd shapes in Deluxe Paint, and recommendations on icon interfaces from Commodore-Amiga. AM14

TextStat An extended 'wc' (word count) program. It has all features of the SAS/C 'wc' plus the ability to count the frequency of ASCII characters alphabetical characters and many other things in a text. Version 1.10. Freeware. Sourcecode included. Author: Stefan Zeiger FF584

TG No system without a graphical user interface is complete without an 'Eyes' program. Includes source. Author: Thomas Gelb FF548

Thai A simple Thai quiz program developed by the author while he was learning the Thai language. It loads complete Thai sentences and words from a supplied file. If you click on the sentence or word gadget the program will pick a random sentence/word. You then click on the Thai/Speak/Phonetic/ English gadget to display that version (or speak it). Includes source. Author: Alan Kent . FF98

The KickPlay Dir Several texts that describe several patches to the Kickstart disk. For Amiga 1000 hackers who feel comfortable patching a disk in hexadecimal, KickPlay offers the chance to automatically do an ADDMEM for old expansion memory, as well as the ability to change the picture of the 'Insert Workbench'. AM25

TheA64Package A comprehensive emulator/utility package to assist Commodore 64 users in upgrading to the Amiga. This package compares to or surpasses the commercially available packages of the same nature. Many of the utilities require a hardware interface that allows the Amiga to access C64 peripherals such as disk drives and printers. The hardware interface available from QuesTronix. This is version 2.0 an update to version 1.0 on disk 379 and includes many new features. Binary only. Author: Cliff Dugan QuesTronix FF555, FF379

TheDatingGame A very well done animation by Eric Schwartz. This is Eric's biggest animation project to date. The animation lasts nearly 4 minutes and requires 3 MB of RAM to run. Flip the Frog has all kinds of trouble getting to the house of his girlfriend, Clarisse Cat. This cartoon animation follows the style of the short theatrical cartoons of earlier days. The animation unpacks to two floppies. Shareware. Author: Eric Schwartz FF505

TheGallows A hangman type game with over 3000 words. The objective of the game is to fill in the blanks and guess the word before the prisoner is hung after the seventh miss. New words can be added to the list of words to guess up to a maximum of over 9450 words. Version 1.0 shareware binary only. Author: Joe Rattz Jr. FF586

TheGuru A program every Amiga fan should have. Puts the guru back in Kickstart 2.0. A comeback you will not want to miss. New features include support for virtual and public screens, editing of phonemes and a full gadtools interface. Version 2.0, an update to version 1.0 on disk 378. Requires AmigaDOS 2.0. Binary only. Author: Nico Francois FF542, FF378

TheWeb A graphic-diagram based, interactive environment for data acquisition and processing. This is a freely distributable demonstration edition that has a restricted set of modules, and cannot save things to disk, but is otherwise fully featured. The concept is of data packets travelling along paths between data handling elements. Configurations are built by placing and connecting the desired elements on screen using the mouse. Needs the 2.04 or later operating system and at least 1MB of memory. Version 1.1, binary only. Author: Pete Goodeve and David Navas FF711

ThinFonts Seven fixed width fonts in two designs to get more characters on your screen. Made for usage on hires interlaced screens and A2024 modes. Author: Dirk W. Reisig FF597

ThinkAMania A 'Concentration' like board game. It features excellent hires graphics, funny sound effects and enormous fun for up to two players regardless of age and education. This share- ware version is 100% functional, but does inlcude a requester that pops up from time to time to remind you of the shareware fee. All options are available and the complete set of stones is integrated. Version 2.9, an update to version 2.1 on disk 541. Binary only. Author: Thomas Schwoeppe, Dirk Respondek FF709, FF541

ThreeDee 3D function plots. ABasiC program. AM1

ThrowMouse A Workbench tool that replaces often used mouse clicks through icon tooltypes. May be used with WBStartup to open any workbench drawer etc. Version 0.70, freeware, binary only, with source available from the author. Author: Roland Mainz FF887

TicTacToe A simple TicTacToe game. Binary only. Author: Jonathan Potter FF412

tictactoe The classic game written in AmigaBASIC. AM11

Tiles A basic tile game like Shanghai or GunShy. A board is covered with a set of 144 tiles, 36 different sets of 4 identical tiles, each with a picture on it. The object is to remove all the tiles, 2 at a time, by matching identical tiles. Version 2.1, includes source in Modula II. Author: Todd Lewis FF241

Tilt Another of Leo's cute little toys. This one makes your Amiga look like it didn't pass Commodore's vibration testing. Author: Leo Schwab FF54

Time Out!: Accessing the Amiga's system timer device via Modula-2. Author: Mark Cashman AC11

timedely.c sSmple timer demo. C program. AM4

TimeKeeper A program that restores system time after resets. This is accomplished by storing the current time in a resident structure at regular intervals and restoring it at reboot. Useful for Amigas that don't have a battery backed up clock. Requires KickStart 2.0 or higher. Version 1.0, includes source in C. Author: Mattias Moltkesson FF810

Timer Creates a small window containing a timer. Version 1.5, binary only. Author: Bill Beogelein FF90

Timer The timer device made easy! Example of how to create both synchronous and asynchronous waits. Includes a sample C program, a detailed technical discussion, and modules that you can plug in to your C programs. Author: Timm Martin FF429

timer Simple timer example program. Includes dynamic allocation of data structures needed to communicate with the timer device, as well as the actual device IO. Author: Rob Peck FF5

timer.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

timer.c Exec support timer functions. C program. AM4

TimeRAM A program to test the access speeds of Fast and Chip RAM. Binary only. Author: Bruce Takahashi FF96

TimeSet Handy little utility to set the system time from the workbench environment, without resorting to preferences. Binary only. Author: Unknown (DEH?) FF71, AM9

Timetest Working example to show the time() and gmtime() functions of the Lattice C support library. Includes source in C. Author: Oliver Wagner FF346

Timing A program to clock the time between two events. You can use several names, enabling the timing of different events. Useful mainly in scripts though other uses are possible. Timing can give the elapsed time in ticks, seconds or in the normal hh:mm: ss format. Version 1.21, freeware, binary only. Author: Chris Vandlerendonck FF785

timrstuf.c More exec support timer functions. C program. AM4

TinyClock A cute little analog clock with lots of features, including pop-to-front, hourly chirp, and alarm. Size and colors used are configurable, and it uses very little memory or cpu time. Requires Kickstart 2.0 or higher. Binary only. Author: Martin W. Scott FF696

TinyProlog VT-PROLOG is a simple prolog interpreter provided with full source code to encourage experimentation with the PROLOG language and implementations. Version 1.1, includes source. Author: Bill and Bev Thompson FF145

TitleGen A simple script language program for generating vertically crawling title sequences in any font and up to 500 lines long. Good for video production. Version 1.6, binary only. Author: Kevin Kelm FF300

TitlePage Prints banner-type title pages for identifying listings. Lots of command-line options for specifying various fonts, pitches, typestyles, selectable centering, etc. Includes source. Author: Joel Swank FF174

TKEd TKEd is a very comfortable Intuition-based ASCII editor with an english and german user-interface. It can read texts packed with PowerPacker, has user-definable menus, a comfortable AREXX interface with 109 commands, an interface to some errortools for programmers, macros, undo, wordwrap, supports foldings, has an online help mode, and many other features. TKEd is reentrant and can be made resident. It's Kickstart 1.3/2.04 compatible, supports the new ECS-screenmodes, an application window and checks itself for linkviruses. Version 1.11, an update to version 1.05 on disk 689. Binary only. Author: Tom Kroener FF781, FF689, FF620

TLog An intuition based program that records statistics to monitor atheletic training progress. Maintains a daily record of distance, time, heart rate, weight and temperature. Links a text file with the record for a free form diary. The AREXX commands provide the basis for generating custom reports from the data base. Sample script allows TLog to automatically get to a scheduler to post reminders of upcoming events. This is version 2.01, an update to version 1.0 on disk 514. Share- ware, binary only. Author: Ed Bacon FF641, FF514

TLPatch A utility to allow corrections in pronunciation for programs that use the Translate() function. It allows you to extract the exception table from the translator.library, use a text editor to edit the table, and then restore it back into the library. Version 1.0, includes source. Author: Richard Sheppard FF481

TMKBP The Multi-Kickstart Board Project lets you build a Kickstart ROM switcher compatible with the Amiga 500 and Amiga 2000. It will hold up to 3 versions of Kickstart and can be switched between via an external switch. If software does not work under kickstart 2.0 simply flip the switch and reboot under 1.3. It includes full step-by-step documentation as well as schematics and diagrams. This is revision 3.1. Author: Neil Coito and Michael Cianflone FF587

TMonth TMonth will execute any program the first time it's executed each month. Very useful, for example, to execute the ATOM- CLOCK program to set your clock each month. Version 1.0f, binary only. Author: George Kerber FF432

Today Amiga implementation of IBM PL/1 history program. Tells you important events and birthdays on current or specified day. Command line options include once-per-day setting for startup sequences. Version 0.91, binary only, shareware. Author: David Plummer, data files originally from an IBM VM/CMS version by Mike Butler FF368

tom One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

ToolLib A shared library containing 45 useful functions for all kinds of programs. There are functions for ports, sorting, gadgets, memory, string, directory and file handling, etc. Version 8.1, an update to version 7.6 on disk 438, includes source. Author: Jan van den Baard FF475, FF438

ToolLibrary A shared library for the Amiga. Contains some mathematical (evaluation of strings) and Intuition (menus,

requester) functions. Version 2.06, includes source. Author: Rudiger Dreier. FF376

ToolManager A 2 part release of the very popular program by Stefan Becker.Part 1 contains LHA archives of the binary files and graphics. Part 2 contains an LHA archive of the source, TeX docs and programmer's support files. Part 1 can be found on disk number 872. Part 2 can be found on disk number 873. ToolManager is a full featured program for either WorkBench or CLI tool management. Includes the ability to add menu items to the 2.x 'Tools' menu, add WorkBench icons or dock Windows. Features multi-column docks that automatically detect largest image size, ARexx, sound and Locale support. Version 2.1, an update to version 2.0 on disk number 752. Includes source, lots of graphic images, and programmer's support for using the toolmanager.library. Requires 2.x for full functionality. Author: Stefan Becker FF872 & 873, FF752, FF551, FF527, FF476, FF442

ToolsDeamon Allows you to run programs simply by selecting a menu item from the tools menu of WorkBench 2.0. Both shell and WorkBench programs are supported including arguments and tool types for both. Version 1.0 binary only. Author: Nico Francois FF561

ToolTypeWatch Helps you if you are searching for ToolType-keywords of a certain application. It patches the FindToolType() and the MatchToolValue() functions of the icon.library and records all calls to these functions along with the given arguments. This allows you to discover all keywords supported by an application as ToolTypes. Version 0.7 includes source. Author: Uwe Röhm FF596

TooMuch3D This animation is Jim's entry to the 1989 BADGE Killer Demo Contest, where it won 10th place. It is a warning to those of you who spend too much time in front of your computer monitors. Binary only. Author: Jim Robinson FF270

topography One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

Touch A simple command to set the date of a file to the current date. Uses new supported method of setting a file date stamp (rather than reading and writing back a byte) Author: Phil Lindsay and Andy Finkel FF49

Touch Amiga version of the Unix utility with the same name. Touch changes the date and time stamp of all specified files to the current date and time. Workbench 2.0 wildcards are supported. Requires OS2.0, includes source. Author: Dave Schreiber FF900

TownMaze A program that designs a town-shaped maze like the town 'Bard's Tale I' uses. Version 1.2, includes source. Author: Kent Paul Dolan FF529

toybox One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

TplEdit A gadtools template editor that is able to generate standalone C source code and does generate its own surface. This is version 2.00 beta an update to 1.00 on disk 480. Requires AmigaDOS 2.0. Includes source. Author: Matt Dillon enhancements by Koessi FF583, FF480

tr2tex Converts documents in UNIX troff format to LaTeX format. It is intended to do the first pass of the conversion, with the user finishing up the rest of the conversion. Most of the converted document will be in LaTeX format, but some of it may be in plain TeX. Amiga version 1.02, includes source. Author: Kamal Al-Yahya; Amiga port by Martin Hohl FF671

trackdisk Demonstrates use of trackdisk driver. Useful example of 'raw' disk read/write. Author Rob Peck FF5, FF1

TrackDisplay A simple program that continuously monitors and displays the current track for each floppy disk. Includes source. Author: Olaf Barthel FF399

TrackDOS A program that allows easy transfer of data between DOS memory and trackdisk.device. DOS means the data contained within a file memory means the data contained anywhere within the memory map and trackdisk.device means data stored on a disk not accessable with DOS (eg. bootblocks special loader disks etc.). The transfer of data between these three areas is not normally easy or convenient. TrackDos was written to overcome this. This is version 1.11 an update to version 1.08 on disk 502. Binary only. Author: Nic Wilson FF620, FF502, FF422, FF365

TrackEd A disk sector editor with user friendly hexadecimal/ ASCII edit possibilities. Data can be searched on part of a disk or the whole disk in four different ways. Works with all DFx: drives. OS2.0 or higher required. Version 1.24, includes source. Author: Camiel Rouweler FF886

Tracker Useful debugging routines similar in function but more versatile to those of 'MemTrace' on FF163. Will track and report on calls to AllocMem(), FreeMem() [or lack thereof!] among others. V0.0a (Alpha release). By Karl Lehenbauer FF181, FF35

TrackMaster A small tool to help game developers create selfbooting trackdisk loading gamedisks. Trackmaster uses a script file to process datafiles (join compress relocate special actions). The processed data is written to disk via trackdisk.device. A bootblock for the first datafile which should be a pc-relative loader and a file look up table is created and written to disk. Manual and source included. Version 1.7. Author: Carsten Schlote FF569

TrackSalve A Trackdisk patch which removes all known bugs, and one unknown so far, and patches the Trackdisk task to allow various enhancements, such as reading good sectors from partially bad tracks, write verification, write protect simulation, auto motor off, auto update and turning off clicking. Other features are MFM-upate and I/O by non- chip buffers. This is version 1.3, an update of version 1.0 on FF312. Includes source in C and assembler. Author: Dirk Reisig FF355, FF312

TrackUtils Two utilities that deal with disk tracks. TCopy copies one or more tracks from one disk to another, and is useful for copying part of a floppy disk into RAD: during bootup. TFile creates a dummy file which 'marks' a specified range of tracks, preventing AmigaDOS from using them and allowing them to be used for raw trackdisk data. Includes C source. Author: Eddy Carroll FF350

Trails Cute little program that leaves a trail behind the pointer when the mouse is moved. The trail has programmable symmetry, thickness, and length. The other interesting thing about this program is that it is written in Modula-2 (source provided). Author: Richie Bielak FF32

Train An electric train contruction set game simulation. Shareware, binary only, source available from author. Author: Dennis Saunders FF428

TrainerMaker A program that allows you to modify money, number of lives, or high scores of some games. The game to be modified must be capable of multitasking. Version 0.8, binary only. Author: Andreas Ackermann FF532

translator.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

TrashIcon A WorkBench 2.x application icon to delete files. Puts an icon at a possibly user defined position on the WorkBench screen, that deletes all files that are dragged onto it. This is version 1.4, an update to version 1.2 on disk number 839. Binary only. Author: Mark McPherson FF871, FF839

Tree A very simple directory tree traversal program, written primarily as an aid to creating zoo archives and disk backups. Has options to exclude certain directories or files with specific extensions. Includes source. Author: Tomas Rokicki FF306

Tree Draws a recursive tree (green leafy type, not files). Author: Robert French (original version by W. Balthrop) FF31

Tree Traversal & Tree Search: Two common methods for traversing trees. Author: Forest W. Arnold AC10

Tree4D Creates 3D branching trees for Sculpt 4D complete with leaves. Many aspects of the shape and design of the trees are modifiable including color and detail level. Objects are output in Sculpt '.scene' format. Full Intuition interface. This is version 1.5 shareware binary only. Author: Bruce Thomson FF586

TreeGrow TreeGrow is a program which generates quasifractal trees or plants. The idea is taken from 'Spectrum der Wissenschaft', the german release of 'Scientific American'. Version 1.0, freeware, includes source. Author: Benjamin (Pink) Stegemann FF814

Trees and Recursion: An introduction to binary trees and how to use recursion. Written in C. Author: Forest Arnold. AC7

Trees Another 'tree growing' program, similar to the one on FF31, but more extensive. Author: Unknown; Amiga version by Terry Gintz FF49

trees.o UNIX compatible tree() function, Assembler program. Object file and documentation provided. AM2

TreeWalk A subroutine command for visiting all the files of a subtree of an Amiga file system, testing every file in the specified subtree against a supplied 'filter' expression, and if the file passes through the filter, to issue the specified command with that file as one of the arguments. It is designed to be fast, robust, and not use a lot of any critical resource. Includes both a CLI interface to that routine the form of a find-like utility that uses C expressions instead of Unix-like flags, and a program to tell you if directory trees will fit on a given disk, or how many extra blocks you'll need if they won't. Includes source. Update to version on FF289. Author: Mike Meyer FF352, FF289

Trek An excellent shareware Star Trek game. The object of the game is to stay alive, healthy, and maintain the Enterprise in good condition. As Captain of the ship, you must go on missions where you show your common sense and level headedness. An overly cautious Captain will loose his ship as well as a careless or irrational Captain. This distribution unpacks into two almost full disks. Version 1.0, binary only. Author: Tobias Richter FF409

trek73 A Star Trek game. This one is just crying out to be Amigaized by some ambitious hacker. Authors: Many, see comment in main.c FF10

TrekTrivia Very nice mouse-driven trivia type program for Star Trek fans. Contains 100 questions with additional trivia disks available from the author. Includes selectable skill levels, a cheat mode, and 250K of digitized music. This is version 3.0, an update to version 2.0 on disk 252. Binary only, shareware. Author: George Broussard FF422, FF252, FF180

Triangle A game like chinese checkers, consisting of fourteen pegs and one empty hole in a triangular formation. The object of the game is to leave one peg in the original empty hole or have eight pegs on the board and no possible moves. Version 1.1, includes source in BASIC. Author: Russell Mason FF469

triangle One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Tricky Another of Peter's innovative and addictive games. Sort of a video-bowling concept where the object is to wipe out groups of computerized symbols in such a fashion that the last item hit becomes the target for the next ball (with a few tricks of course!). Lots of levels and the usual level editor that accompanies most of Peter's games. Binary only. Author: Peter Handel FF367

TriClops Very nice graphics oriented 3D space invasion game. This was previously a commercial product which is being released into the public domain for promotional purposes (they are working on a multiuser, multimachine version) Author: Mark Adams, published by Geodesic Publications FF35

Triple 3 demos of some of the Amiga's graphics and sound capabilities. Binary only. by: Tomas Rokicki FF206

TripleYachtZ An implementation and variation of the game 'Yacht'. Plays both Single (the standard game) and Triple, which differs from normal Yacht-Z in that all scores in the 3rd column of your scorecard are worth three times as much as the normal value and those in the 2nd are worth double. Version 1.2, binary only, source available from author. Author: Stephan Iannce FF470

Tripppin A Workbench game based on an out-of-print board game. The object is a race in which each move you make restricts your opponent's choice of countermoves. Features a computer opponent of adjustable toughness. Includes source. Author: Paul Kienitz. FF429

Tron Another game about the lightcycle race sequence in the science fiction computer film Tron. One or two players and other options. Written in GFA-BASIC and then compiled. This is version 1.23, an update to version 1.1 on disk 355. Now includes source in GFA-BASIC. Author: Dirk Hasse FF411, FF355

Tron Another game based on the lightcycle race sequence in the science fiction computer film 'Tron'. This is version 1.0, unrelated to other Tron releases in the library. Includes source in assembly. Author: Thomas Jansen FF461

TrueEd A shareware editor. Version 5.5, and update to version 3.40 on disk 630. No documentation, binary only. Author: Jurgen Klein FF804, FF630

TSFSuite A suite of programs to allow use of a Teac SCSI Floppy on the Amiga. Included are programs to set the mode to 1 2 or 4 Meg [TSFMx] to format to 1 2 or 4 Meg [TSFFx] a utility that does disk changes for you [TSFADC] and a SCSI exerciser to explore the controllers on the SCSI bus. Source is available upon request. Author: Harvey Taylor FF552

Tsize A simple utility to print directory tree sizes. Displays the total size of all files and subdirectories within a given directory Author: Edmund Burnette FF35

TSnip Very nice 'cut and paste' type utility with lots of uses and functions. Features a pop-up intuition control panel, multiple font and color recognition, clipboard and pipe support and a couple of utility programs. V1.4a, source for support programs only. By John Russell FF179

TTDDD Textual TDDD is an ASCII version of Turbo Silver's TDDD object and cell description files. The TTDDD format enables users to algorithmically generate objects, scenes, and animations. Includes programs to convert between TDDD and TTDDD formats. Version 1.0, shareware, binary only. Author: Glenn M. Lewis FF420

TUC 'The Ultimate Clock'. Another window title clock/ memory minder. This one is in 132 columns! Also gives the free memory on drives DF0, DF1 & DF2. Includes source. Author: Joerg Anslik FF159

Tumblin' Tots: A complete game written in Assembly language. Save the falling babies in this game. Author: Davd Ashley AC1

Tunnel An interesting graphics demo written in TDI-Modula 2. I suggest you don't stare at this too long! Includes source. Author: Garth Thornton FF174

TunnelVision Another fine ABasiC game from David Addison. This is a maze game with a 3-D perspective view from inside the maze Author: David Addison FF36

Turbo Opens a small window with a gadget that when selected, turns off bitplane, sprite, copper and audio DMA, presumably to increase system speed. Includes source. By Oliver Wagner FF170

TurboBackup A fast mass floppy disk duplicator with enforced verify mode to prevent generation of incorrect copies. Version 1.00, binary only. Author: Steffen Stempel and Martin Kopp FF139

TurboDEX A compiler for the DEX language. DEX is a language similar in structure to Modula2 and C, but different and simpler in concept. Features include compact and fast executables, clear program structure, integration of Exec/Dos/Gfx/Intuition library calls in the compiler, inline assembly, register variables, commented assembly source output, easy to manage development system, and more. Version 1.2, an update to version 1.1 on disk 625. Public domain, binary only. Author: Wouter van Oortmerssen FF743, FF625

TurboGIF Demo version of a very fast GIF viewer, that is three to fifteen times faster than similar programs. Currently TurboGIF produces very high resolution black and white images only. Makes an excellent 'GIF previewer' to decide if a particular GIF is worth spending the time converting with one of the other converters. Shareware, version 1.0, binary only. Author: Steve Borden FF544

TurboLife An implementation of the cellular automation 'Life'. This is version 3.10 an update to version 2.01 on disk 584 (Wizard- Works2). Shareware US$ 10. Binary only. Author: Stefan Zeiger FF636, FF584

TurboMandel A fast mandelbrot program, written in a mix of C and assembly language. You can select between using floating point or integer calculation. Other features include a full intuition interface, cycling capabilities, extensive color control, a user definable iteration depth, fully implemented zoom, a 3-D display mode, support for extra halfbrite as well as interlace and hires, IFF load and save, accuracy selections, and more. Version 1.0, includes source in assembly and C. Author: Marivoet Philip FF302

TurboQuantum A SCSI bit twiddler program that will set or clear the 'Disable Disconnection' bit in a Quantum drive's 'Control Parameters Mode Page'. Disabling disconnection during data transfers can result in a large performance boost on some systems. Binary only. Author: Ben Fuller FF577

TurboText An almost fully operational demonstration copy of a new sophisticated text editor for the Amiga. Features many unique capabilities including an impressive ARexx

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interface with over 140 commands available, full outlining abilities, clipboard support, complete reconfigurability, recorded macros, programmer's calculator, emulations of many popular text editors, and much more. This demo version does not allow saving or printing of documents and limits the size of cut and paste operations. Version 1.0, binary only. Author: Martin Taillefer FF445

TurboTitle A program created for the purpose of subtitling Japanese animation films and to create a standard Amiga subtitle format. Is perfectly suited for subtitling any foreign film. Version 0.80, an update to version 0.71 on disk 424. Shareware, binary only. Author: Robert Jenks FF530, FF424

TurboTopaz Two Text speed up programs like FastFonts. Allows replacement of the Topaz-80 font from both CLI and WorkBench. Includes a program to measure to speed of Text speed up programs. Version 1.0, includes source in assembler. Author: Preben Nielsen FF396

TurMite A two dimensional turing machine simulator. Imagine a small bug crawling around on your computer display moving one pixel at a time. At each step it uses its internal state number and the color of the pixel it's on as indexes into a set of tables to decide what color to change the pixel to, what direction to move, and what its new internal state should be. Includes source. Author: Gary Teachout FF249

Turn An interesting board game with the simplicity of checkers yet requiring the move-lookahead of a good chess player. Binary only. Author: Peter Handel FF361

Turtle A shared library of 'turtle' functions for drawing in a RastPort. Includes source in assembly and C. Author: Thomas Albers FF321

Tv*Text Demo version of the TV*Text character generator. AM18

TWA A commodity that remembers the last active window on any screen. If screens are shuffled, the window is automatically re-activated, when that screen is brought to front. Version 1.2, an update to version 1.0 on disk number 781. Binary only. Author: Matthias Scheler FF874, FF781

TWC Two Way Chat & Send enables you to make use of your modem's full-duplex feature in fact, it can save you up to 50% transmission time. With TWC you can connect to another guy running TWC, then you may transmit fileAND chat-data at the same time in both directions. GUI-driven, requires OS2.04+. Version 3.101, an update to version 2.03 on disk number 801. Binary only, shareware. Author: Lutz Vieweg FF905, FF801

TwilightZone A modular screen blanker with a user-friendly control panel. Provides: Selection of blanker module from an expandable list of modules; A 'blank-now' feature by moving the mouse pointer into a corner of the screen; A 'blank-never' option by moving the mouse pointer into a corner of the screen; Adjustable timeout, and selectable wakeup events. Version 1.1/2.0, binary only. Author: Rainer Koppler FF782

TX Todor Fay's SoundScape module source code from his AC articles. The Lattice and Manx C source code is here, along with the executable modules. AM26

TX81Z Editor/Librarian for the Yamaha TX81Z and DX11 synthesizers. Provides voice and librarian features similar to the FB-01 Editor/Librarian. Includes a Performance Editor and a Librarian. Version 1.23. Author: James M. Smith FF598

TxEd Latest demo version of MicroSmiths' text editor, TxEd. This is the full production version except that files are limited to 10K bytes in length and the search/replace functions are disabled. Also, demo is based on an older version of TxEd, new release has additional features. Author: Charlie Heath FF31, FF20, AM12

Txt filters text files from other systems to be read by the Amiga E.C. AM17

Txt2Exe This program takes a text file, creating a runnable command which will output the text. Allows various operations to be done on the text. Binary only. Author: Oliver Wagner FF286

Ty A text display program based on Amiga 'less' version 1.0. Has both keyboard and mouse control of all functions, an intuition interface, and uses the Amiga specific keys (such as the Help key) correctly. Version 1.3, includes source. Author: Mark Nudelman, Bob Leivian, Tony Wills FF246

TypeAndTell Example program that demonstrates installation of an input device handler before the Intuition one. This example traps all keys typed by the user and pronounces them in real time. Includes source. Author: Giorgio Galeotti FF73

Typing Tutor: A program written in AmigaBASIC that will help you improve your typing. Author: Mike Morrison AC6

TypingTutor A simple typing tutor program which measures your typing speed and adjusts the level of difficulty accordingly. Shareware, binary only. Author: William Jordan FF434

TypoGrapher A softfont editor package for 24-pinwriters and DeskJet printers (any model). Editor supports Laser fonts, DeskJet fonts, Amiga fonts, pinwriter fonts and IFF files. Features include about 40 drawing commands, special effects (e.g. 3D look), import/export of IFF images, generation of width tables, and more. Includes several tools for easy download (e.g. simulation of 'soft' font cartridges). Requires at least 1Mb of memory. Version 2.05, shareware, binary only. Author: Dietmar Eilert FF697

TypoGrapherFix A patch for the TypoGrapher v2.05 font editor on disk 697. It fixes a bug which kept the program from running on KickStart 1.3 machines. Author: Dietmar Eilert FF710

UCD A utility for changing the current directory. It scans a disk and builds a file containing information about the directory structure that makes it possible for UCD to change directory to any directory in the scanned volume by simply naming the directory without pathname information. UCD can keep track of the directory structure of multiple volumes. Now supports wildcards. Version 1.15, an update to version 1.0 on disk 734. Binary only, shareware. Author: Uffe Holst Christiansen FF785, FF734

UChess A powerful version of the program GnuChess version 4 for the Amiga. Plays a very strong game of chess. Code has been rewritten and data structures re-organized for optimal efficiency on 32 bit 68020 and better Amiga systems. Fully multitasking, automatically detects and supports 640X480X256 color AGA mode machines, and does not at any time BUSY wait. Requires a 68020 / 030/040 based Amiga computer system with AmigaOS 2.04 or later and 4 Meg of ram minimum. Special 'L' version optimized for 68040 and requires 10 Meg of ram minimum. Supports a variety of standard features such as load, save, edit board, autoplay, swap sides, force move, undo, time limits, hints, show thinking, and a supervisor mode that will allow two humans to play with the computer acting as a 'supervisor'. Version 2.04, includes source. Author: FSF, Amiga Port by Roger Uzun FF790

Udate Udate is a replacement for the AmigaDOS date command, containing many options similiar to the UNIX date command. Udate will allow you to set the date and time via prompts or directly from the command line, will display any part of the date or time using the options in any color desired, and will also make an automatic adjustment of your system clock for Daylight Savings Time so your computer will be one less clock you will ever have to set twice a year for DST. Update to version on FF311, this version is slightly smaller and works correctly with the 68030. Version 1.14c, binary only. Author: George Kerber FF365, FF311

UDraw A drafting tool that is bitmap oriented rather than object oriented. The original intent with UDraw was to provide a mechanism for the rapid drawing of schematic diagrams. However, UDraw has applications beyond this original intent. Makes heavy use of 'clip boards', files which contain clips of various items that are displayed simultaneously but behind the work area, parts of which can be lifted off and pasted to the working screen. Version 1.0, binary only. Author: Ron Stefkovich. FF857

Uedit A three part distribution of the popular editor by the late Rick Stiles. Per Rick's wishes, the entire program, including source has been placed in the public domain so that it may continue to grow. Disk 768 contains the editor, config and support files, and lharc'd documentation. Disk 769 contains lha archives of the source, the spell checker and dictionaries and the proportial version of the editor, UEP. Disk 770 contains several lharc'd archives of third-party support files, configurations and utilities. Included are emulation configurations for VI, EDT and wordstar, a directory utility, hypertext utilities, help key utilities and much more. Uedit is a completely customizable editor with a learn mode, a command language, menus, hypertext, online help, a teach mode, split windows, copy and paste, undo, spellchecking, many word-processing features and more. This is version 4.0, an update to version 3.0 on disk 622. Author: Rick Stiles FF768-770, FF622, FF539, FF471, FF415, FF286, FF254, FF189, FF173, FF121, FF60

Uedit-Stuff A variety of configuration material for Uedit. Includes stuff for remembering multiple chunks of deleted text, interfacing through Rexx with a terminal program, displaying matching '(' characters when you press ')', expanding abbreviations into phrases as you type, easily shifting lines and blocks of text left or right, improvements to several existing Uedit features, and more. Author: Paul Kienitz. FF429

UeditUpdate This is a partial update to the 2.5d version of Uedit on disk 286. It includes only the UES executable, which has had patches d1 through d4 applied. Disk 286 is still needed for a complete Uedit shareware distribution. Binary only. Author: Rick Stiles FF301

Ueturbo Example of extensive customization of Uedit to set up a nice development environment. Includes source. Author: Tom Althoff FF60

Uhr A small configurable digital clock (Uhr is german for 'clock'), that makes use of the FormatDate() function in WorkBench 2.1's locale.library. Requires at least Kickstart 2.04 and WorkBench 2.1. Version 1.03, an update to the version on disk 757. Includes source in C. Author: Stefan Sticht FF869, FF757

Ultra Sonic Ranging System: BASIC Sonar Ranging program. Author: John Iovine AC13

UltraF-4 Demo version of a super graphic based floppy format program that can format four floppy disks at the same time and even format disks that other programs give up on. Binary only. Author: Terry Bullard and Signa Bullard FF444

UnDelete Restores deleted files and (empty) directories with a fast deleted-file-find routine. It is often as fast as 'delete'. Works on all OFS and FFS disk devices, but from Shell only. Version 1.02, binary only. Author: Ekke Verheul FF795

undelete Executable program undeletes a file. Documentation included. AM12

UnHunk Tool to process the Amiga 'hunk' loadfile format. Collects code, data, and bss hunks together, allows individual specification of code, data, and bss origins, and generates binary file with format reminiscent of UNIX 'a.out' format. The output file can be easily processed by a separate program to produce Motorola 'S-records' suitable for downloading to PROM programmer. Author: Eric Black FF26

Unifdef Useful program for removing ifdef'ed sections from a file while otherwise leaving the file alone. Allows one source to be used as a porting base for many machines, without shipping the entire source to every source customer. (Pre-process for their machine and send them only the source for their specific machine). Author: DaveYost FF35

Uniq A text processor which compacts repeated adjacent lines. Intended to be used with a sorted file to print unique lines, or repeated lines. Behaviour and options like UNIX version. Version 1.1, includes source. Author: John Woods, Amiga port by Gary Duncan FF317

Units Units conversion program, including a chart option which allows you to create charts of conversions. Nifty. Includes source. Author: Gregory Simpson FF74

UnivConq A strategy game where two human players battle for control of the universe. The game has several variables that allow the players to vary the density of planets, the initial number of ships, and the length of play. Status information is continually updated to allow the player to concentrate on strategy, not statistics. Includes digitized pictures and sound. Version 1.08. Compatible with WB 1.3 & 2.x. Binary only. Author: Randy Wing FF871

UNIXArc A version of arc suitable for UNIX System V.Author: System Enhancement Associates FF50

UnixDirs A program which intercepts calls to dos.library to add the UNIX style '.' and '..' syntax for current and parent directories, respectively, to file and path names. I.E., you can refer to files in the current directory as './foo' and files in the parent directory as '../foo', or any combination of the two. Similar to program on disk 321, but independently developed. Includes source. Author: Martin Scott FF837, FF321

UnixUtil A few CLI utilities, including some functionally similiar to the UNIX utilities of the same names. Included are: Wc, Head, Tail, Tee, Detab, Entab, and Trunc. Descriptions are given in the included '.doc' files. By Gary Brant FF179

UnixUtils A collection of UNIX like programs for the Amiga. Includes head, tail, sort, strings, diff and find. The first four are original programs; find is derived from tree by Tomas Rokicki, diff is a port of the GNU version. Includes source. Author: Maurizio Loreti FF663

UnknownGirl Another small musical piece similar in execution to 'Synthemania' on FF153. Binary only. By Holger Lubitz FF162

Unshar This program extracts files from Unix shar archives. It scores over similar programs by being small and fast, handling extraction of subdirectories, recognising a wide variety of 'sed' and 'cat' shar formats, and handling large files spread across several shar files. This is version 1.3. Includes C source. Author: Eddy Carroll FF345, FF287

Unsporting Another cute Aerotoon animation from Eric Schwartz, starring the A-10 Thunderbolt aircraft, better known as the 'Warthog'. This aircraft's job is to hunt and destroy tanks and other things on the ground, and that is exactly the subject of this animation. Requires approximately 2Mb of memory. Author: Eric Schwartz FF644

Up&Down The object of this game is to get four of your chips in a row (across, down, or diagonally) without letting your opponent get his chips in a row first. Binary only. Author: Jason Bauer FF462

Upcat Disk catalog program. Read file information from disks, store it in a catalog in memory. Save/load catalogs to/from disk, display catalog in several ways, select files to be displayed, print (selection of) catalog, 32 user definable categories, add comment to files in catalog. Version 1.0, freeware, binary only. Author: Frans Zuydwijk FF854

Update Used to update an older working disk with files from a newly released disk. Files on the older disk that are out of date will be upgraded with files from the new disk. Author: Unknown, downloaded from Software Distillery FF45

UpdateIcon A tool to add icons to files and drawers which do not yet have icons attached, to update the default tools and to reset the positions of icons. Very handy for installation scripts. Re- quires Kickstart and Workbench 2.04 (or higher). Version 1.0, includes source in C. Author: Olaf 'Olsen' Barthel FF688

Uranus An IFF picture. AM6

Utilities A group of four little utility programs, Cal, Undelete, DClock and Wherels. Binary only, see the ReadMe file for a description of each. Author: Dan Schein FF154

Utils A group of small utility programs requiring ARP. Du displays the disk space used by a directory, Head displays the first lines of a file and Cookie displays a humorous message. All executables are very small (less than one disk block each). Assembly source is included. Author: Stuart Mitchell FF416

UUCoderWindow An intuition user interface for the CLI commands UUEncodeX and UUDecodeX, written by Michel Bekke. Requires AmigaDOS 2.x. Version 1.0, freeware, binary only. Author: Nils 'Jon' Görs FF818

UUCP An implementation of uucp for the Amiga, including mail and news. This is Matt's version for the Amiga, based on William Loftus's Amiga UUCP 0.40 release with news code from his 0.60 release, and months of work by Matt to make fixes and add enhancements. This is version 1.13D, an update to version 1.08D on disk 442, and consists of four parts. Parts 1 and 2 are on disk 479, and parts 3 and 4 are on disk 480. Includes source. Author: Various, major enhancements by Matt Dillon FF479&480, FF445 & FF450, FF443 & FF442, F360, FF313, FF310, FF152

UUdecode Programs to encode/decode binary files for transmittal via mail, or other text-only methods. Binary file is expanded by approximately 35% for transmittal. Author: Mark Horton FF38

UUencode Programs to encode/decode binary files for transmittal via mail or other text-only methods. The binary file is expanded by approximately 35% for transmittal. This release is an update to the version on FF53, and includes a simple line-by-line checksum technique that can read and write files compatible with the older uuencode/uudecode, plus a file size test modification that is transparent to older uudecodes. Author: Mark Horton with mods by Alan Rosenthal and Bryce Nesbitt FF92, FF53

Freely Redistributable Software

UUpc Version 1.0 of a suite of programs that will allow you hook up your Amiga as a usenet node. Includes source. Author: Richard Lamb, Stuart Lynne, Jeff Lydiatt FF109

Uw UNIX Windows client for the Amiga. Version 1.00, includes source. Author: Michael McInerny FF79

V A front-end for Commodore's More or some other text viewer that can be made resident. Can be used from Workbench, greatly reducing disk loading time because V is much smaller than More, which need not be loaded if it is resident. From CLI, causes More to create a new window, specified with an environment variable, rather than using the CLI window. V is itself residentable. Much improved since the version on disk 224, to which it is only distantly related. Includes source in assembly. Author: Paul Kienitz. FF429

v1.1h.txt Text, 'diff' of include file changes from version 1.0 to 1.1. AM5

v1.1update Text. list of new features in version 1.1. AM5

v11fd.txt 'diff' of .fd file changes from version 1.0 to 1.1. AM4

v28v1.diff 'diff' of include file changes from version 28 to 1.0. AM4

VacBench This amusing little screen hack will 'clean up' your WorkBench screen for you when it gets too cluttered! Binary only. By Randy Jouett FF184

ValCon Converts a value from one number notation system to another. Currently the decimal, hexadecimal, binary and octal systems are supported. Version 1.10, freeware, binary only. Author: Chris Vandierendonck FF782

ValSpeak A filter program which transforms its standard input to 'valspeak' on its standard output. Author: Unknown FF46

Vampire Woman Vampire in LoRes FF72

VAUX-Killer A very funny animation which won 2nd place in the 1989 BADGE Killer Demo Contest. Because of its size, the demo is split across two disks. Two floppy drives, or a hard disk, are strongly recommended. Binary only. Author: Roger Curren FF265 & 266

VAXterm A VT220 terminal emulator that is close to the real VT220 terminal in both supported facilities and user interface. Designed primarily for connection to VAX/VMS, it should work with any host computer with VT220 terminal support. Supports file transferring for ASCII files by means of DCL commands. Version 2.4, includes source. Author: Tuomo Mickelsson FF369

Vc Visicalc-like spreadsheet calculator program. Author: James Gosling, Amiga port by Peter Hardie FF36

vc VisiCalc type spreadsheet, no mouse control. Executable program and documentation. AM14

VcEd A Voice (Tone) Editor for the Yamaha 4 Operator series syn- thesizers. Version 2.0, an update to version on disk 345. Binary only, source available from author. Author: Chuck Brand FF647, FF345

VCheck Version 1.2 of the virus detection program from Commodore Amiga Technical Support. This version will test for the presence of a virus in memory, or on specific disks. Binary only. Author: Bill Koester. FF126

VCLI The final version (7.0) of Voice Command Line Interface (VCLI) which will execute CLI commands, ARexx commands, or ARexx Scripts by voice command. VCLI allows you to launch multiple applications or control any program with an ARexx capability entirely by spoken voice command. Many improvements requested by users are now included. VCLI now has its own ARexx port so that its internal options and functions can be controlled by ARexx command. Menu operations have been improved. Documentation is provided in AmigaGuide format. Audio digitizer support has been expanded to include Perfect Sound 3, Sound Magic (Sound Master), DSS 8, and Generic digitizers. This is the fastest version of VCLI yet, and it runs well under either AmigaDOS 2.0 or 3.0. An update to version 5.2 on disk number 807. Binary only. Author: Richard Horne FF898, FF807, FF751, FF618, FF542

VCR A database for all your VCR tapes. Has built in search and print capabilities. Version 1.1, binary only. Author: Ken Winfield FF721

VDraw1.16 Shareware drawing program submitted by the author. This version uses menus but includes some items not on version 1.19, also on this disk. Drawing program, based on freedraw, but now transformed and enhanced beyond recognition. Draws hollow boxes, filled boxes, freehand sketches, lines, circles, and arcs. Also has area fill, text insertion, 16 different line patterns, predefined area fill patterns, a magnify mode, cut and paste, color inversion, erase, grid pattern, and more. This is version 1.14. This shareware program (suggested $15 donation) was submitted by the author for inclusion in the library. Author: Stephen Vermeulen FF52, FF38, FF31

Vdraw1.19 Latest version of Vdraw, with a completely new iconic user interface, and some other new features including a color palette mixer and DPaint style brushes, extended cutting features, area locking, and a flexible printing interface Author: Stephen Vermeulen FF52

Vectors A simple program to test how fast the Amiga can draw lines. Includes two versions, 1.0 and 1.1, each of which performs tests slightly differently. Includes source. Author: Gauthier Groult and Jean Michel Forgeas FF316

vendors Older text file of Amiga vendors, names, addresses. AM12

Venus An IFF picture. AM6

VerCheck A little script utility especially for 2.04 users with 1.3 Rom sharer/KickDisk. This helps you to boot under the right system when using an alien Kickstart. Version 2.00, now includes CPU/FPU checking too. Freeware, includes source in assembler. Author: Jan Hagqvist FF897

Verify Walks a directory hierarchy reading all files, reporting any files that can't be entirely read. Version 1.2, includes source. Author: Joel Swank FF304

VerseWise Gospel (Matthew, Mark, Luke, & John) version 1.0 of a Bible view/output/search program. Opening a resizeable window on the Workbench screen, it allows the user to jump to any specific verse, output scripture to a disk file, or find verses containing one or more specific words. It uses the King James Version of the Bible, compressed. Binary only. Author: Bruce Geerdes FF549

Vertex A 3D object editor that differs from other 3D editors in many ways. You can choose any view, including perspective, to sel- ect points and examine objects. The view can be rotated, pos- itioned and scaled at will by either typed in values or using the mouse, which makes the editor fast and responsive. This is version 1.62a, an update to version 1.36.3 on disk 648. Shareware, binary only. Author: Alexander D. Deburie FF727, FF648, FF608

ves copy protection. Executable program and documentation. AM14

VGad A new gadget editor that takes two pictures of the window and its gadgets, one being the normal gadget state and the other being the fully selected state, and then merges the data and converts to C source code. Version 1.0, binary only. Author: Stephen Vermeulen FF137, AC1

Viacom Latest version of viacom for use in conjuction with the WaveBench demo. Binary only. Author: Leo Schwab & Bryce Nesbitt FF112, FF84

vibrophone Sound demonstration icon-driven part of a set on AMICUS 10 AM10

VideoDat A very simple databank to store information about your videos. Version 1.2 binary only. Author: Sascha Fengel FF582

VideoMaxe A program to manage one's private video tape collection. Both program and documentation are in German; no English version at this time. Version 3.22 an update to version 3.00 on disk 547. Binary only. Author: Stephan Sürken FF637, FF547

VideoTitler Generates professional looking TV titles and credits for your own videos. Outstanding abilities are very smooth scrolling, color slides (AGA-support) and usage of colorfonts. Limited demo version only. Version 1.1, binary only, shareware. Author: Andreas Ackermann FF907

Vidtex Vidtex displays Compuserve RLE pics in source code and as an executable. AM11

View A mouse-oriented text file reader. Sample operation is demonstrated in reading the View.doc file, instead of using the usual 'Less' text file reader. By Bryan Ford FF163, FF58, AM14

View A text displayer with many controls and features including searches, file requestors, jump to editor etc. Version 2.0, an update to version 1.5 on disk 570. Includes source. Author: Jan Van Den Baard FF658, FF570, FF547, FF504

View80 Scrolling text file reader with three scrolling modes controllable via keyboard or mouse. Opens file requestor if no filename is given. Automatically configures screen size for PAL or NTSC machine. Version 2.0, an update to version 1.1 on disk 365. Binary only. Author: Federico Giannici FF488, FF365

ViewDir Allows reading the current directory by commanding VIEWDIR ''. Displays a listing of the specified directory with the total bytes at the bottom and the description of the file types next to each file. Also includes a 'version string' to allow a DOS 2.0 VERSION command to read. This is version 2.1 an update to the version on disk 358. Assembler source included. Author: Jim Butterfield FF504, FF358

Viewer A very small program for displaying IFF pictures of any resolution. This one is written in assembly code and is only 988 bytes long. Binary only. Author: Mike McKittrick FF199

Viewer Displays IFF pictures fast! Version 1.0. Includes source in EZAsm. Author: Joe Siebenmann FF484

ViewIcon Simple program to view icons from the shell. Opens up a sufficiently sized window so that the icon can be displayed in it. If you click the icon, it has the same effect as clicking it on the workbench, so you can see the icon's alternate image. Version 1.0, binary only. Author: Robert Lang FF717

ViewILBM Reads an ILBM file and displays as a screen/window until closed. Handles normal and HAM ILBM's. Author: Based on ShowILBM, enhanced by Carolyn Scheppner FF 72, FF44

Viewtek A feature packed Picture/Animation Viewer. Shows most ILBM's (including 24-bit ILBM's), most Compuserve GIF format images, most JFIF format JPEG images and most ANIM Op-5 format animations, with support for different palettes for each frame. Supports SHAM, CTBL, and PCHG images, full support of ECS/AGA display modes (ie. show 256 color GIF's directly, show 800x600 HAM animations, etc.). Supports viewing contents of clipboard. Iconifies to a Workbench AppIcon. Includes a version written for GVP's Impact Vision 24, to support true 24-bit display. Version 1.05, an update to version 1.02 on disk number 787. Requires Workbench 2.04+, binary only. Author: Thomas Krehbiel FF903, FF787

Vim Vi IMitation. A clone of the UNIX text editor 'vi'. Very useful for editing programs and other plain ASCII text. Based on Stevie (disk 256) with many enhancements such as multilevel undo command line history improved command line editing full vi compatibility (except Q and zn commands) command typeahead display command to display yank buffers unlimited line length ability to edit binary files file name stack support for Manx QuickFix shows current file name in window title etc. Internal storage structures have been redesigned for optimal speed and memory usage. Version 1.14 includes source. Author: Bram Moolenaar et. al. FF591

violin Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Virus Check Dir Several programs relating to the software virus that came to the US from pirates in Europe as detailed in Amazing Computing V2.12. Bill Koester's full explanation of the virus code is included. One program checks for the software virus on a Workbench disk; the second program checks for the virus in memory, which could infect other disks. AM24

VirusChecker A virus checker that can check memory, disk bootblocks, and all disk files for signs of most known viruses. Can remember nonstandard bootblocks that you indicate are OK and not bother you about them again. Includes an ARexx port. Version 6.22, an update to version 6.06 on disk 680. Binary only. Author: John Veldthuis FF825, FF680, FF669, FF556

VirusControl A new virus detection and control program that checks disks during insertion, protects from link viruses, shows bootblock on a screen, periodically checks system vectors, controls access to files with a requester, etc. V1.3, includes full assembly language source code. Author: Pius Nippgen FF211

VirusHunter A harmless screen hack. Author: Tobias Eckert FF690

VirusUtils Two programs to detect viruses on disk and in memory. Virushunter removes all known viruses in memory. Viruskiller removes all known viruses in memory and after removing the viruses the disks can be checked without the virus copying itself to the disks. Version 3.60, binary only. Author: Pieter van Leuven FF331

VirusX Version 4.0 of a popular virus detection/vaccination program. This is an update to FF216. Includes a check for the new Xeno virus. Author: Steve Tibbett, Dan James, Jim Meyer FF287, FF216, FF175, FF158, FF154, FF137

VirusZ A virus detector that recognizes over 220 boot viruses and over 115 file viruses. The filechecker can also decrunch files for testing. The memory checker removes all known viruses from memory without 'Guru Meditation' and checks memory for viruses regularly. VirusZ has easy to use intuitionized menus including keycuts for both beginners and experienced users. VirusZ performs a self-test on every startup to prevent link virus infection. Written entirely in assembly language and operates with Kickstart 1.2/1.3, OS 2.0 and OS 3.0. Version 3.07, an update to version 3.00 on disk number 820. Shareware, binary only. Author: Georg Hörmann FF902, FF820, FF786

Virus_Alert! Yet another anti-virus program with a twist. Once installed a message is displayed just after a warm or cold boot notifying the user that the disk and memory are virus-free, and forcing a mouse-button press before continuing. Anything writing to the bootblock thereafter will destroy the message and a normal virus- infected boot (???) will take-place. Versions 1.01 and 2.01, Binary only. Author: Foster Hall FF154

VisaCard A VISA card in an IFF picture. AM6

VLabel A program to print fancy customized disk labels. It will combine an IFF picture and up to 50 lines of text (which may be placed arbitrarily in any font or point size) and then print the result. The IFF picture can be virtually any size (up to 1008 by 1000). It will also print labels from a batch file produced by SuperBase. Version 1.20, binary only Author: Stephen Vermeulen FF137

Vlt VLT is both a VT100 emulator and a Tektronix (4014 plus subset of 4105) emulator, currently in use at SLAC (Stanford Linear Accelerator Center). Although the VT100 part was originally based on Dave Wecker et al.'s VT100, many enhancements were made. Features include use of ARP, an ARexx port, XMODEM 1K/CRC and Kermit protocols, support for additional serial ports, external file transfer protocols (XPR), a 'chat' mode, and scrollback/review/history buffer. It comes in two versions, one with Tektronix emulation, and one without. The Tektronix emulation allows saving IFF files, PostScript files, and printing bitmaps to the printer. This is version 5.517, an update to version 5.045 on disk 468. Binary only. Author: Willy Langeveld FF668, FF468, FF455, FF410, FF308, FF257, FF245, FF226, FF202

VLTimer A clock/timer window that sticks on the VLT screen (or on the WorkBench if VLT is not running or opened on the WorkBench) to check connection times (and costs). Version 1.02, includes source (SAS-C); Author: Maurizio Loreti FF539

VMB Demo version of VIDEO MUSIC BOX, a program designed to provide an easy to learn and use facility that non-musicians or beginning musicians can use to compose original background music for their Amiga multimedia productions. No prior music compositional knowledge is required to generate basic musical styles from pre-arranged music pattern templates and chord progressions. Individuals having increased musical backgrounds can use the many included editors to define new chord-types, 'revoice' chords, create new chord progressions, perform basic sequence editing, and create additional pattern templates. Supports both MIDI Format 0 and IFF SMUS music file formats for compatibility with all multimedia authoring programs. Version 1.6, second major upgrade to version 1.0 on disk number 660. This new version is AmigaDOS 2 compatible, allows unlimited pattern generation in a single sequence, has improved musical dynamics, and expanded MIDI. Requires 1 Meg. Author: D.T. Strohbeen FF772, FF660

VMK What makes this program is its ability to detect new viruses as they come along. Simple quick easy way to stay virus free. Tiny quick and very intelligent memory detector/killer for your startup-sequence. This is V1.10 an update to version 1.0 on disk 510. Binary only. Author: Chris Hames FF568, FF510

VMore A shareware program, submitted by the author, that is a 'more' like text file viewing utility that can be run on multiple files from either the WorkBench or the CLI. Version 1.00, includes source. Author: Stephen Vermeulen FF85

Vnews A simple news file reader, that will read all the news files in a specified directory, optionally starting with a specified file. Includes source. Author: Stephen

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Vermeulen FF85

VoiceBoy A small WorkBench utility which allows you to use DX7 voice libraries produced by both Smart-ED DX7 and Music-X. Also contains a voice library drawer with a total of 64 voices for you to try out. This is version 1.1, binary only. Author: William Adjei FF708

VoiceCode This file contains complete documentation for voice.library (Ver 6.4), the public domain Amiga library of voice recognition functions for the Perfect Sound 3, Sound Master (Sound Magic) and Generic audio digitizers. Included are descriptions of the functions that will allow your program to learn and recognize spoken words through your 8 bit audio digitizer. Also included are code examples in C and assembly language. Author: Richard Horne and David Benn FF807

VoiceDemo Illustrates the programming techniques required to use the voice.library to teach your Amiga to learn and recognize spoken voice commands. A simple program that will teach your Amiga to recognize and repeat back to you the spoken words 'Peter ... Piper ... Picked ... A Peck Of ... Pickled Peppers.' Include example source. Author: Richard Horne FF618

VoiceEditor A tool to edit, save, load, and convert instruments of Roland D-20 Synthesizers (and compatibles, like D-10) via MIDI. You can convert instruments into Music-X sequences, save and load voicedumps and edit the system area of your D-20. Req.library and midi.library are used and included. V2.0, binary only. Author: Andre Willms FF749

VoiceFiler Voice filer program for Yamaha DX series synthesizers. Voices are transferred to and from the Amiga over MIDI. Author: Jack Deckard FF38

Vortex A universal accented character converter for Amiga, IBM-PC, MacIntosh, and C64 files written in most west european languages (Danish, Finnish, French, German, Italian, Islandic, Norwegian, Spanish, Swedish, and more. Works with either ASCII or Word Perfect files. Version 1.5, includes source. Author: Michel Laliberte FF454

VPG Video pattern generator for aligning monitors. Executable program and documentation. AM18

VPortPatch A very small 2.04-only utility that patches the graphics.library function MakeVPort() in such a way to avoid an annoying bug that keeps multipalette pictures from being correctly scrolled (multipalette pictures contain the new PCHG chunk which specifies line-by-line palette changes; hundreds of colors can be displayed even in hi-res with multitasking and full system compatibility). Includes source. Author: Sebastiano Vigna FF779

VRTest Another anti-virus utility that allows visual inspection of RAM starting a $7E7FE, RAM cleaning, bootblock inspection and vector monitoring/reseting. Written entirely in assembly language. Version 3.2, binary only. Author: Babar Khan FF161

VS2PR Converts files to and from VideoScape 3D and PageRender 3D. It preserves and matches colors as closely as possible, and retains surface detail polygons from VideoScape. Good for Video Toaster owners looking for the more mathematical 3D objects that PageRender generates so well. Other features include scaling, batch processing, and a QuickRender module that lets you preview the 3D objects in wireframe. This is version 1.0, binary only. Author: Syd Bolton FF642

vScreen Allows you to have screens that are larger than the actual display area of your monitor. These larger 'virtual screens' scroll when you move the mouse off the edge of the visible section of the screen. Currently does not work under AmigaDOS 2.0. Includes source. Author: Davide Cervone FF494

VSnap This is an enhanced version of Snap 1.3, submitted by Steve Vermeulen, which adds the ability to save clipped graphics as IFF FORM ILBM's to the clipboard, so they can be imported to other programs that understand IFF and the clipboard. Dubbed it VSnap, since the official 1.4 Snap is also included on this disk. Includes source. By: Mikael Karlsson, enhancements by Steve Vermeulen FF326

vsprite VSprite example C code from Commodore, S-E-D. AM12

VSprites Vsprite example from Rob's book 'Programmers' Guide To The Amiga' Produces 28 VSprites on screen simultaneously, using only three distinct sets of colors. Includes source. Author: Rob Peck FF61

Vsprites A working vsprite example. Author: Eric Cotton FF55

Vt100 A vt100 emulator for the Amiga, which also supports various file transfer protocols like kermit, xmodem, ymodem, zmodem, etc, has an Arexx port, can use custom external protocol modules, and more. This is version 2.9a. Includes source. Author: Dave Wecker, Tony Sumrall, Frank Anthes, and Chuck Forsberg FF330, FF275, FF138, FF114, FF55, FF47, FF41, FF36, FF31, FF29, AM17

VTek V2.3.1 Tektronix graphics terminal emulator based on the VT-100 prog. V2.3 and contains latest 'arc' file compression. AM17

VTest A simple example how to test if the AMIGA is infected by a Virus. It simply checks some vectors in the Exec Base structure and some library routines like DoIO. Version 1.0, includes source. Author: Frank Enderle FF533

Vttest Program to test compatibility of vt100-compatible terminals and terminal emulators. Requires the resources of a UNIX system to test an Amiga hosted vt100 emulator. (I haven't yet found one that even comes close to passing this test!). Author: Per Lindberg FF35

VU Todor Fay's SoundScape module source code from his AC articles. The Lattice and Manx C source code is here, along with the executable modules. AM26

WackCmds Text tips on using Wack. AM1

wailing guitar Sound demonstration icon-driven part of a set on AMICUS 10 AM10

WaitAnyKey A CLI command which will wait until the user presses any key. Useful for batch files, to pause until any key is struck. Version 1.00, includes source in assembly. Author: Roger Fischlin FF437

WalkingMan A small screen hack that makes a variable number funny men appear on the WorkbenchScreen and CustomScreens. They move depending on the graphics shown and changing graphics will be noticed by them. Includes source. Author: Jan P. Katz FF706

Wanderer A neat little game with graphics and sound, ported from the Unix version, originally written on a Sun workstation. The idea for Wanderer came from games such as Boulderdash, Xor, and the Repton games from Superior Software. Includes a builtin editor for extending the game by adding additional screens. V2.2, includes source. Author: Steven Shipway and others. Amiga port by Alan Bland FF216

Wangle Very addictive 'sliding-block' single player strategy game. The object is to group four smaller squares of the same color together in such a way as to form a larger square. Once started in a direction, blocks slide until they hit another block, a wall, or in some cases, fall through the floor! Includes 50 levels and a level editor. Binary only. Author: Peter Händel FF773

Warp Speed A program that will present you with an animated view out the window at a vehicle moving at 'Warp Speed.' This program was developed as a C language learning tool by the author. Version 1.0 includes all source. Author: Doug Petercsak FF557

WarpText Fast text rendering routines, to be linked with application programs. Reported to be able to display text as fast or faster than, 'blitz'. This is an update to the version released on FF 87. Version 2.0, includes source. Author: Bill Kelly FF96, FF87

WarpUtil Warp (version 1.11), UnWarp (version 1.0), and WarpSplit (version 1.1). Warp reads raw filesystems and archives them into a compressed version in a normal file. UnWarp turns them back into filesystems. WarpSplit splits them up into smaller pieces on a track by track basis. Binary only. Author: SDS Software FF243

WArranger Sends a window, identified by its name, to the front or to the back, without selecting it. Useful in conjunction with AmiCron. Works on all screens. Includes source in assembler. Author: Heiko Rath FF139

Wasp A picture format converter. Input formats supported include GIF (87a), IFF (lores, hires, HAM, EHB, 24-bit, sliced, dynamic, etc), SRGR, Sun rasterfile, PPM (P5 and P6), HL2, and MTV. Output formats supported include IFF, SRGR, and PPM. Version 2.02beta. Includes source. Author: Steven Reiz FF716

Watcher A little title-bar commodity which can be customized to show various information such as the free space on hard drive partitions, free memory, system time and date etc. Font and Overscan sensitive, can jump between public screens by clicking on it's Zoom gadget. Includes WatcherPrefs, a utility that allows you to customize what Watcher displays and its general behavior. Version V37, includes source Author: Franz Hemmer FF879

WatchMan A little screen hack inspired by 'EyeCon' on Sun systems. Includes source. Author: Jonas Petersson FF283

WatchStack A program that monitors the stack of any selected task or process 50 (PAL)/60 (NTSC) times per second and reports the allocated stack, maximum stack usage and current stack used. This program is a clone to StackWatch, disk 494, but improved a little bit. Requires AmigaOS 2.0. Version 2.02, binary only. Author: Brian Ipsen FF818

water drip Sound demonstration icon-driven part of a set on AMICUS 10 AM10

WaveBench This is Bryce Nesbitt's Badge Killer Demo Contest entry. It is a neat screen hack, and runs on 512K machines. For more laughs, try in conjunction with Viacom or Ds (Dropshadow). Includes source. Author: Bryce Nesbitt FF112

Waveform Jim Shields' Waveform Workshop in AmigaBASIC. In C source code and documentation. AM19

WaveMaker Realtime waveform generator using Intuition slider gadgets. Allows sounds to be created with a maximum of 8 harmonics. Version 0.9 binary only. Author: Laurence Vanhelsuwé FF626

WaveMaker WaveMaker is intended to give beginning music and physics students a 'hands on' feel for how complex waves are made by adding a harmonic series of sine waves. A fundamental and up to seven harmonics are available. The resulting waveform can be displayed on the screen or played on the audio device using the keyboard like a piano. A game mode is also provided. Version 1.2, an update to version 1.1 on disk 318, with several bugs fixed, more efficient code, and a new display option. Includes source. Author: Thomas Meyer FF481, FF318

WBase A handy database which stays as a small window on your Work- bench screen and supports PowerPacked files, even crunching them itself. It also allows you to run programs from it. This is version 1.2, binary only. Author: Simon Dick FF653

WBAssign A small WorkBench program that creates AmigaDOS assignments without having to open a CLI. Assignments may be made by specifying a complete path (as supported by the CLI command), or by specifying a path relative to the current directory. This allows a program and its assigns to be moved easily. In addition, WBAssign can create assigns specified in the icon files of other programs located anywhere in the system. This is version 1.20, binary only. Author: John Gerlach Jr. FF277

WBColors A simple little program to change the Workbench colors to a predetermined color set, for programs that expect to be booted off their distribution disk but instead are run from a hard disk. Includes source. Author: Stefan Lindahl FF121

WBD Possibly the smallest utility to set the workbench screen to any depth. Includes source in C. By: Oliver Wagner FF346

WBDepth CLI program that allows you to change the number of bitplanes for the WB screen on the fly. Very useful for A500 and A2000 users with kickstart in ROM. Binary only. Author: Andry Rachmat FF175

WBDualPF An example of using a dual-playfield screen, using a method contrary to documentation in the Intuition Manual. Fixed version of copy released on FF41. Includes source. Author: Jim Mackraz FF87

WBdump JX-80 optimized workbench printer that does not use DumpRPort. Much more efficient than the Amiga JX-80 driver for fullscreen dumps Includes source. Author: John Hodgson FF58

WBGauge A utility to patch AmigaOS 2.0 to bring back the little gauge in the left border of disk windows showing the ratio of available space on the disk. Version 1.2 an update to version 1.0 on disk 417. Binary only. Author: Jean-Michel Forgeas FF551, FF417

WBGenie WBGenie is a WB-program launcher with a difference. It is intended to be a WB interface to a set of WB programs (which the author is in the process of writing) to make performing housekeeping chores on the Amiga simple. WBGenie is a WB2.x only program and is a commodity. It makes use of appicons and appwindows. Includes some sample code to demonstrate how to write a tool type array without affecting existing tool types. Version 1.02, binary only. Author: Steven Velletri FF834

WBKillAGA Workbench interface for Jolyon Ralph's 'KillAGA' program, providing a short program that can be used as the 'default tool' for an icon. Also includes a utility to convert many icons at a time. Original KillAGA distribution included. Author: Fabian Nunez, KillAGA by Jolyon Ralph FF910

WBLander This entry from the Badge Killer Demo Contest is a special version of the WBLander program from FF 100. The ending is unique. Also uses sound effectively. Includes source. Authors: Peter da Silva and Karl Lehenbauer FF114, FF100

WBLink WBLink adds an 'AppIcon' to the Workbench 2.0 screen that creates a link to whatever file or directory is dragged on top of it. This version fixes some bugs and lets the user specify where the icon will be placed. Version 1.10, an update to version 1.00 on disk 546. Includes source. Author: Dave Schreiber FF654, FF546

WBPat Creates random 3D patterns for your 2.04 WorkBench windows. A pattern can be shifted or changed, tested, used and saved. Version 1.0, includes source in C. Author: Ekke Verheul FF792

WBPic Replaces Workbench's color 0 with an IFF hires non-interlaced picture, in 2 or 4 colors. Version 1.0, includes source in Modula-II. Author: Fridtjof Siebert FF234

WBplane Two very small tools to change the depth of the Workbench screen. AddWBplane adds a bitplane. SubWBplane subtracts a bitplane. Both can be run from both CLI and Workbench. This is version 1.0. Includes source in assembler. Author: Preben Nielsen FF543

WBRes A program that allows WorkBench users to have resident programs, as in the resident capability of WShell, the ARP shell, and the WB1.3 Shell. Version 1.2b, shareware, binary only. Author: John Bickers FF277

WBRun A RunBack style program which use parm.library. Runs programs in WorkBench mode from any CLI. Programs are fully detached. The program you run must support WorkBench startup. Includes source in C. Versions 1.3 and 2.0. Author: Sylvain Rougier and Pierre Carrette FF843, FF540

WBrun A program designed to allow any program to be invoked from CLI yet behave as if it were invoked from Workbench. Workbench need not be loaded, thus saving the memory that Workbench would normally use. Author: JohnToebes FF43

WBShadow A small program that creates a shadow for everything that's displayed on your WorkBench (Windows, Icons, Gadgets, Menus, Texts, etc). V 1.0, Source in Modula-II. Author: Fridtjof Siebert FF253

WBStart WBStart is a package to emulate the WorkBench startup procedure, by loading a program, creating a process for it, and then sending it a WB startup message. Includes a handler process which does the starting of the processes for you and then waits for the startup reply messages. Version 1.3, an update to version 1.2 on disk number 757. Includes source. Author: Stefan Becker FF896, FF757, FF572

WBVerlauf Allows the owners of AGA machines to create a nice Copper background for a selectable color, using the whole 16 million color range of the AGA chips. By specifying the color of the first and the last line of the screen, WBVerlauf will make a smooth color change by setting a new color value on every scanline. Requires Kickstart 3.0. Version 1.4, binary only. Author: Christian A. Weber FF781

Wc A 'word count' program, ala UNIX's wc, that is faster because it doesn't count what you don't ask for, plus some other improvements. Includes source. Author: Steve Summit FF69

WComm A commodity which enables the user to manipulate windows with 43 user definable hotkey commands. You can move, size, resize, set to prefs, zoom, exclude, include, close tile cascading, and kill windows. You can cycle screens. WComm also has a title clock, a palette window (with up to 256 colours), a popup shell, and a notify system, which can inform you about any important event and date, such as the birthdays of your friends, etc. You may also automatically start any command, a backup for example, at specific intervals. WComm is controlled by some configuration files and can be handled by the use of

the several asynchronous windows. Requires AmigaDOS 2.04 or higher. This is version 1.80, freeware, binary only. Author: Hans-Peter Guenther FF825

WControl A printer style controller which stays on the Workbench screen and allows you to change your printers styles, it works through whatever printer driver you have and so works with all printers. This is version 1.0, binary only. Author: Simon Dick FF653

Webster The dictionary page in an IFF picture. AM7

weird A program written in AmigaBASIC that makes strange sounds. AM11

WFile Small but useful tool to interchange ASCII files between different operating systems. Converts foreign symbols and adapts linefeed codes. Can also be used to expand tabs to multiple spaces or vice versa. It has builtin templates for interchange between Amiga, MS-DOS, OS/2 and UNIX systems. Profiles can be used for common adaptions. The new version contains new templates and the memory management system has been revised and optimized. Version 1.32, an update to version 1.11 on disk 536. Includes source in C. Author: Joerg Fenin FF776, FF536

WFrags Another version of Frags, but this one pops up a nice little window that updates occasionally. Necessary for developers who wonder what their program is doing to memory, or wonder why they can't load that program. Includes source. Author: Tomas Rokicki FF131

Wharves HiRES BW tall ships in port FF72

Whatis A neat little utility which not only recognizes a wide variety of file types (executables, IFF, icons, zoo files, etc), but prints interesting information about the structure or contents of the recognized file types, such as what libraries, devices, resources, fonts, etc. a program uses. This is version 2.0, an update to version 1.2a on disk 334, and is for AmigaDOS 2.0 only. Binary only. Author: Jorrit Tyberghein FF417, FF334

Whatls Whatls.library can detect file types and is fully parametrable by an ascii file. You can describe file types and they will be recognized by the library. A few tools are also included. Author: Sylvain Rougier and Pierre Carrette FF843

Wheel Nice little 'Wheel of Fortune' type game, written in AmigaBASIC Author: Hari Wiguna FF67

WheelChairSim A wheelchair simulator developed as a project for the Technical Resource Centre and the Albert Children's Hospital, to allow the matching of a wheelchair joystick to a child's handicap and allow the child to practice using the chair in a safe (simulated) environment. Binary only. Author: Unknown, submitted by Dr. Mike Smith FF139.

wheels One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

Whence Whence will locate any program/file in your current path. Similar to the the UNIX whence command. Version 1.0, binary only. Author: George Kerber FF432

Whereis Program which searches a disk for the first or multiple occurances of a file with a given name. Author: Steve Poling FF45

Whereis Another 'find-that-file' utility. Whereis searches on your (hard-)disk for a file(name) and displays the path to that file. Some features are case independent search, wildcards, interactive mode (cd implemented), can display size and date of files, always abortable, can archive filenames for 'ZOO' (like fnams/recurdir), and no recursive procedures. Includes source in C. Version 1.18 (2-15-90). Author: Roland Bless FF321

whereis.c Find a file searching all subdirectories. C program. AM5

WhichFont.c Loads and displays all available system fonts pro-cess.i and prtbase.i assembler include files. C program. AM4, AM1

whistle. Sound demonstration icon-driven part of a set on AMICUS 10 AM10

WhiteLion A new Othello (Reversi) playing program. Strong and fast, it explains the rules and plays different strategies depending on the selected level. Supports interLaced resolutions. Version 1.2_FD, english and german executables. ShareWare, C sources and special version available when registering. Author: Martin Grote FF811

Who A rewrite of 'who', from FF79, which gives substantially more elaborate information about the tasks currently running (or waiting) on your Amiga. Includes source. Author: George Musser, rewrite by Paul Kienitz FF224, FF79

Why replace your AmigaDOS CLI Why AM24

Wicon A 'Window Iconifier'. Allows you to turn your windows into small icons which can be later recalled. Currently installed with MacWin to give your windows a 'rubber-banding' effect. Version 1.14, Includes source. Author: Steven Sweeting Introducing the Amiga FF154

wiconify A program, and number of companion utilities, that allow you to iconify windows on any screen, including custom screens. Iconified windows become small icons on the bottom of the screen, and they can be opened again by double- clicking them. Also allows any screen to become a shared, WorkBench-like screen, and gives you the ability to create new screens specifically for this purpose. Each window can have its own custom icon. There is a programmers interface to allow programs to control their own icons. Version 3.8, includes source. Author: Davide Cervone FF500

Wild Two versions of UNIX shell style wildcard matching routines. Author: Rich Salzand Fred Fish FF43

WildStar Toggles the RNF_WildStar bit in the DOS library root node which allows AmigaDOS to use the '*' character as a true wildcard which is mostly plug compatible with '#?'. Version 1.2 includes source in assembly. Author: Ken Simpson FF611

Win2Front A simple, small and pure utility similar to Shell2Front on disk number 741. This program adds the ability to specify the name of the window to be brought to the front. Version 0.21, binary only. Author: Gérard Cornu FF754

Window Sample program which shows how to create a DOS window in a custom screen Author: Andy Finkel FF38

WindowShuffle Activates and brings to front next or previous window with hotkeys. Hotkeys can be changed. Implemented as a commodity. Requires at least AmigaOS 2.04. Version 1.07, an update to version 1.05 on disk 497. Includes german version and source in C. Author: Stefan Sticht FF870, FF497

WindowTiler A WB2.0 commodity for arranging windows. Comes with many tool types to help customize it. Supports virtual screen users, tiling, cascading, refusing windows & screens, exploding windows, etc. This is version 2.1b, an update to version 1.2.1 on disk 623, with many enhancements and bug fixes. Binary only. Author: Doug Dyer FF696, FF623, FF593

Windowtool Windowtool is a program that allows you to switch between windows, to close them and to change their size. You can also open a new shell and stop multitasking. The program is a standard commodity and can be controlled by the work- bench exchange program. Version 1.0, includes source. Author: Klaas Hermanns FF711

WinMan A very simple utility to manipulate windows. It adds some menus to the workbench, which you can use to shrink, maximize, tile or cascade your windows. AmigaDOS 2.0 only. Version 1.0, includes source. Author: Jorrit Tyberghein FF420

WinSize CLI window utility resizes current window. In C source code, executable program, and documentation. AM19

WireDemo Matt's entry for the Badge Killer Demo Contest. Demonstrates the Amiga's line drawing speed. Runs on a 512K Amiga. Includes source. Author: Matt Dillon FF118

WitchingHour A game. AmigaBASIC Program. AM3

With CLI command that allows you to start any other CLI command several times and give it all the files that match a file pattern as an argument, one at a time. V 1.0, Modula-II Source. By: Fridtjof Siebert FF253

WizardCLock A workbench clock with many features and various languages. Version 1.30 an update to version 1.20 on disk 584 (Wizard- Works 2). Freeware. Binary only. Author: Stefan Zeiger FF636, FF584

WizardFiler This nice file requester is an enhanced version of Anders Bjerin's 'FileWindow' from disk 337. It is very comfortable and has a nice WB2.0 design. Version 1.01. Source code in C included. Public Domain. Author: Stefan Zeiger Anders Bjerin FF584

WizardsInfo General information about the Wizard Works disk 3 from which this material was included. Author: Stefan Zeiger FF636

WlzKey A commodity that speeds up working with windows and screens via allowing the user to manipulate them via keyboard instead of mouse. Anything you can do with system gadgets becomes accessible via keyboard. Popup windowlist allows activation of any window by keyboard or mouse. Configurable Hotkey def- initions and a complete ARexx port. Shareware, binary only. Author: Jörg von Frantzius FF745

wKeys A 'hot-keys' program that binds keyboard function keys to window manipulation functions (window activation, front to back, moving screens, etc). Includes source. Author: Davide Cervone FF128

WKSC Workbench Keyboard Shortcut Changer is a program which allows you to add or change keyboard shortcuts used for the Work- bench menus. WKSC works on Workbench 1.2, 1.3 and 2.0. This is version 1.0, binary only. Author: Gary Smith FF739

WO An intuition-based address book that allows saving of data in normal or password-encoded form. Version 1.0, includes partial source, (password encoding routines not included). Author: Heinzelmann FF363

Woman&Pencil Famous IFF image of a woman holding a pencil (seen in early Digi-View™ advertisements). AM7

Wombat Yet another terminal emulation program. Version 3.01.Has user set table cursor, programmable function keys,vt-102 emulation, auto-dialing, loadable settings files, and more Author: Dave Warker FF50

WonderSound Wondersound is an additive harmonic instrument design tool with a separate envelope design window and 16 relative harmonic strength and phase angle controls. Version 1.7, an update to version 1.6 on disk 428. Binary only. Author: Jeffrey Harrington FF449, FF428, FF407

WordPuzzle The object of this game is to find a word in a puzzle arrangement. There are three different variations of the game. Version 1.1, includes source in BASIC. Author: Russell Mason FF469

WordSearch This is an automated wordsearch generator. Words orienta- tions can be limited to any subset of the eight primary directions and the puzzle can be rotated or flipped. It has a spartan but functional user interface highlighted by the req.library. The system default font under WB 2.0 is supported for the puzzle display window. Version 1.0, includes source in C. Author: Craig Lever FF498

World A text adventure game similar to the Infocom adventures of Planetfall and Starcross. Quite large with a tremendous variety of responses. V1.02, includes source. By Doug Mcdonald, Amiga port by Eric Kennedy FF184

WorldDataBank Using a database of coordinates compiled by the CIA and made available under the Freedom of Information Act this program plots world maps in cylindrical or spherical projections with various degrees of magnification. This is version 2.2 an update to version 2.0 on disk 262 and now includes the largest available data file for detailed mapping of even small sections of the globe. Includes source. Author: The CIA Bob Dufford Mike Groshart FF580, FF262

WorldMap A world map in an IFF picture. AM6

WorldMap An AmigaBASIC program which draws a map of the world. AM9

WorldTime A clock that can show you the time in any city in the world. The times are calculated automatically using data supplied by the user. Rewritten to take advantages of features available under Kickstart 2, and thus will not run under 1.2 or 1.3 anymore. A commodity that can be run from the workbench or CLI Version 2.1, an update to version 1.31 on disk number 583, binary only. Author: Jonathan Potter FF758, FF583

Worm An Amiga implementation of the classic 'worms' program, based on an article in the Dec 1987 issue of Scientific American. You can specify the size and length of the worms, and the number of worms. Includes source. Author: Brad Taylor, Amiga port by Chuck McManis FF218

Wrap A program to wrap a Sculpt-Animate 4D image around a sphere or cylinder. You can even use reliefed surfaces to construct planetary objects or other textured shapes. Version 1.32, shareware, binary only. Author: Martin Koistinen FF414

Wreq Replace 'pop-up' requestors with line-oriented requesters (similar to those found in an MS-DOS environment) that can be easily handled from the keyboard. If there is no interactive console for the process, the requester won't appear. Includes assembly source. Author: Tuomo Mickelsson FF387

WriteIcon Sample code that creates an icon using a compiled-in image, the source of which can be created with Icon2C on FF56. Version 1.0, includes source in C. Author: Dan Burris FF297

Writing Faster Assembly: Continuing the discussion of speeding up programs. Author: Martin F. Combs AC13

WTF WTF (Window To Front) is a little hack which brings a window to the front when double-clicked. Includes source. Author: Thomas Albers FF416

WWBatch Two batchfiles that residents/copies to RAM: the commands used by ! Wizard Works ! program startup batch files. Author: Carsten Raufuß FF636

X-Spell A spelling checker to proofread text files and then allow you to move through the document, deciding what to do with the misspelled words. Suggested $15 donation. Author: Hayes Haugen FF40

X10Commander Allows owners of the X10(R) CP290 HOME CONTROL INTERFACE to program the 128 event capable interface or send direct commands through it to control lights, appliances, etc... Version 1.0, binary only. Author: Gregory MacKay FF887

X2X Cross converts between Motorola/Intel/Tektronix ASCII-hex files. These files are typically used for down-line-loading into EPROMS, or for transmission where binary files cause chaos. Handles S1, S2, S3, INTEL (inc USBA records), Tektronix (inc extended). Source included. Author: Gary Duncan. FF345

XBoot A very simple utility to convert a boot block into an executable file so you can use your favorite debugger (Wack, Dis, etc.) to study it. Includes source. Author: Francois Rouaix FF161

XColor A program designed to change the colors of any screen. You can also add and subtract bitplanes in the screen, or convert the screen to black and white (grayscale). Handles HAM and EHB screens. Version 1.2, includes source in assembly code. Author: Roger Fischlin FF244

XColor-Lib Link library with a full-fledged color requestor along with several color functions like copy, spread, exchange, antique black & white, etc. to aid in creating your own custom color requestors. Contains several demos along with include files for C, AmigaBasic, DevPac Assember and KickPascal. Author: Roger Fischlin FF361

XCopy A replacement for the AmigaDOS copy command. Preserves the file date, provides an 'update only' option, and uses UNIX type wildcards. Binary only. Author: Lee Robertson FF74

XDME Version 1.54 of Matt's text editor. XDME is a 'not-so-simple' WYSIWYG editor designed for programmers. It is not a WYSIWYG word processor in the traditional sense. Features include arbitrary key mapping, FAST scrolling, title-line statistics, multiple windows, and ability to iconify windows. This new version has some bug fixes, many new commands and several other new enhancements. Update to version 1.45 on disk number 530, includes source. Author: Matt Dillon, Enhanced by Aaron Digulla FF776

Xebec A couple of hacks to make life easier for those who have Xebec hard disks. One makes it more possible to Mount a Xebec hard disk with the Fast File System, the other is a compact head parking program. Includes source. Author: Paul Kienitz FF224

XEM Sample code and documentation how to create and interface to external terminal emulation libraries as supported by terminal programs such as LR-Comm, 'term' and X-Comm. This is version 2.0 and includes sample library and sample interface source code in 'C' and assembly language. Author: Ueli Kaufmann FF834

xenos One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. The program on AMICUS 1 is in ABasiC FF13, AM1

XenoZap A program that recursively descends into directories, disabling the Xeno virus in all executable files that it finds. Version 1.0, includes source in Modula-2. Author: Kevin Kelm FF300

Xerox4045 A printer driver for printers supporting the Xerox 2700 command set. The 4045 (a hulking 8 PPM laser unit), is probably the most popular member of this family, so it got the name. The focus of this version was to get the

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dot graphic functions working. This appears to be working correctly as printing from Professional Page V2.1 and Tax Break have been successful in 300X300 graphics mode. Version 1.0. Author: Bob Schulien FF866

XfrmrReview Text list of Transformer programs that work. AM9

XHair Replaces the mouse pointer with a screen wide crosshair, which is useful for positioning things vertically or horizontally. V1.0, includes source in Modula-II. By Fridtjof Siebert FF234

Xicon Xicon lets you use icons to call up scripts containing CLI commands. V2.5, an update to FF157. New features include automatic selection of the correct execution directory, the option to have keyboard interaction, and the use of IF, ELSE, etc DOS commands. Binary only. Author: Pete Goodeve FF290, FF157, FF102, FF31

XI Demo version of a single bit-plane cel animation generator. Uses an onion-skin display to rough in an animation sequence. Has a large ARexx command set, multiple precision bezier curves and splines, scalable and rotatable polygons, brush support with blitter logic, turtle graphics and macro key definitions. Requires req.library (Fox/Dawson). Non-saving demo version, binary only. Author: Martin C. Kees FF516

Xlisp Small lisp type interpreter, binary only (source to older version was on disk #18). Version 1.7. Author: Dave Betz FF39, FF18, FF3

XLispStat A statistical program based on David Betz' XLisp. It does some of the most advanced dynamic statistical graphics, included brushing, linking, and 3D rotations. Menus and requestors can be created dynamically with simple lisp commands, and treated as lisp objects, so that the program could be used for many other non- statistical purposes, such as interactive expert systems. XLisp-Stat has an ARexx port so that an editor may be used to prepare lisp programs and send them directly to XLisp-Stat to be executed. Commands, as character strings, may also be sent from XLisp-Stat with the lisp command, 'arexx'. All graphics produced may be saved to files in IFFformat. This version of XLisp-Stat (v.2.1, release 1) has been ported to the Amiga by James Lindsey, from the Mac version supplied by Luke Tierney. Requires a numerical coprocessor (M68881/M68882) and an M68020/ M68030 processor. Disk 385 contains the executables, manual, and lisp files. The sources can be found on disk 386. Author: David Betz, Luke Tierney, James Lindsey FF385&386

xmodem One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

XNote Execute a filenote. It looks a little like the Project icon of the Workbench, but this time in the CLI. Version 1.0, includes source. Author: D. W. Reisig FF663

Xnum A useful CLI conversion utility that takes a decimal, binary, octal or hex number as input and displays the number in all four formats. Binary only. Author: Oliver Enseling FF379

Xoper Very comprehensive program to monitor and control system activity. Monitor cpu, memory usage, ports, interrupts, devices. Close windows, screens, show loaded fonts or last Guru code number. Clean up memory, flush unused libraries, devices, fonts. etc. and a whole bunch more! Spawns its own process. A very handy background task to have loaded. This is version 2.2. Changes include mostly bug fixes and some minor enhancements. Assembly source included. Author: Werner Gunther FF318, FF274, FF228, FF171

XPK An interfacing standard between applications and packer libraries. Any XPK application can handle every XPK packer. Included applications: A (de)compressing file handler, a packing app-icon, command line packers, a LoadSeg() patch, adapted image displayer and movie player, and many more. Also included: 4 nice packers, 2 very safe encryptors, and some demonstration libraries. Version 2.4, includes developer's application kit. Author: Urban Dominik Mueller, Bryan Ford and others FF754

Xplor A program that scans all the system lists that start in ExecBase and prints out their names and addresses at which they start. Includes assembly source. Author: Larry Phillips FF73

XPRD eXternal PRotocol Driver. A standalone driver utility for doing file transfers with XPR libraries. Has many features like carrier checking and return code redirection (for 'stupid' languages). Includes source in C. Author: Oliver Wagner FF687

XprKermit An Amiga shared library which provides Kermit file transfer capability to any XPR-compatible communications program. Supports version 2.0 of the XPR Protocol specification. Version 1.5, includes source. Author: Marco Papa, Stephen Walton FF330

XprLib External file transfer protocol library. Document and code example for implementing external file transfer protocols using Amiga shared libraries. This is version 2.0 with many extensions and enhancements. Includes sample XPR library and source. Author: Willy Langeveld FF247, FF240

XprTransmit XprTransmit is an Cli-based command that allows you to easily access to any Xpr Library without having to worry about call-back-function et cetera. It is able to access every serial.device-like exec-device. Only little documentation. Version 1.0, binary only. Author: Andreas Schildbach FF369

XprZmodem An Amiga shared library which provides ZModem file transfer capability to any XPR-compatible communications program. This is version 2.10, an update to version 2.0 on disk 261. Includes source. Author: Rick Huebner FF459, FF261, FF236

Xref A C cross-reference gen., C program in C source code and executable. AM3

xrf C cross reference utility. Originally from Decus C distribution. Author: Bob Denny FF2

XSB eXternal ScreenBlanker Standard. Documentation and examples of a new library standard for fancy screenblankers. Includes Standard, Shuffle and Psychedelic blankers. Public Domain, source in C is included. OS 2.0 only. Author: Oliver Wagner FF687

XSearch A program to search files and directories on any Amiga device. Has options to search for files or directories matching a given name pattern, length, date of last change, iff type, comment, internal strings, and protection bits. Supports the Amiga clipboard. Uses AmigaDOS 2.0 style interface. Includes both German and English versions. Version, 1.1, an update to version 1.0 on disk 724. Includes source in KICKPascal. Author: Stefan Plöchinger FF806, FF724

XStat A UUCP utility that computes several statistics from the Xfer- Stat file (similar to UUTraf). Offers lots of options. Re- quires Andrew 'Charly' Kopp's uucico V1.15c or later, and also Kickstart 2.04 (V37.x) or later. Version 1.07, freeware, includes source in Modula-2. Author: Jürgen Weinelt FF714

XTrash A constant trashcan implemented as an application icon. Can erase anything; files, directories, trashcans and disks. Disk formatting requires an external formatter. Conforms closely to the AMIGA Style Guide. Requires AMIGA OS 2. Version 1.01, includes source in KICKPascal. Author: Stefan Plöchinger FF807

YaBoingII A game program demonstrating hardware sprite usage, including collision detection. + Includes source. Author: Ali Ozer, based on original by Leo Schwab FF136, FF36

Yacc This is a port of Berkeley Yacc for the Amiga. This Yacc has been made as compatible as possible with the AT&T Yacc, and is completely public domain. Note that it is NOT the so-called Decus Yacc, which is/was simply a repackaging of the proprietary AT&T Yacc. This is an update to the version on disk 299. Includes source. Author: Bob Corbett et. al. FF419, FF299

Yacht The famous 5 dice game revised for the Amiga features continually updated onscreen scorepad which displays all possible scores after each roll. Another feature is the player controlled dice roll hit the STOP ROLL gadget when you feel lucky! Version 1.1, binary only. Author: Richard Gallagher FF787

YachtC3 Update to the Yachtc program on disk #10, contains some fixes and incorporates a simple sound process. Version 3, includes source. Author: Sheldon Leemon, with enhancements by Mark Schretlen FF158, FF10, AM2

Yalffr Yet Another IFF Reader. Handles HAM, HIRES, and overscan, includes source. Author: Leo Schwab FF87

Yak 'Yet Another Kommodity'. Features a sunmouse that only activates when mouse stops, KeyActivate windows, Click windows to front or back, Cycle screens with mouse, Mouse and Screen blanking, Close/Zip/Shrink/Enlarge windows with programmable hotkeys, Activate Workbench by hotkey (to get at menus when WB obscured), Pop up a palette on front screen, Insert date (in various formats), KeyClick with adjustable volume, PopCommand key for starting a command (like PopCLI), Gadtools interface. All settings accessible from Workbench tooltypes. Version 1.2, an update to version 1.0 on disk number 753, has some new features and several bug fixes. Includes source. Author: Martin W. Scott FF782, FF753

YamEx A Sytem Exclusive and Voice Librarian program for all Yamaha 4 Operator synthesizers. Works with all 100 voice and 32 voice Yamaha bulk dumps. Binary only. Source code available from author. Author: Chuck Brand FF647

YAPS 'Yet Another Public Screen Manager'. Using YAPS, you can open Public Screens in ALL(!) Amiga-DisplayModes, even in the new A4000/A1200 Modes. Requires OS 2.04 (V37+), works even under OS 3.0 (V39+). Binary only. Author: Karlheinz Klingbeil (CEKASOFT) FF785

YatZ One player Yatzee game. This program was written to take up little memory and to multitask nicely. This is version 1.1, an update to version 1.0 on disk 498. Public domain, includes source in C. Author: Greg Pringle FF685, FF498

Yawn! A small WorkBench sliding block puzzle to keep your mind and fingers busy while your compiler is busy crunching away on your highly secret, hard earned source code that you hopefully remembered to unscramble first! Features selectable size from 4x4 to 7x7 and European, Hindi or Arabic numerals. Includes source. Author: Lorenz Wiest FF379

YearPrintQ Prints a calendar of the year onto four sheets of paper. The GUI adapts itself automatically to the actual system font. With AmigaOS 2.1, a localization also takes place (currently German and French). A configuration file with any holiday or special occasion definitions can be chosen thru file requester or 'drag and drop'. The calendar can be printed on every printer supported from AmigaOS either with IBM graphics or ASCII characters. Version 2.5, requires at least AmigaOS 2.0. Includes source. Author: Dieter Temme FF751

YoYo weird zero-gravity yo-yo demo, tracks yo-yo to the mouse, in AmigaBASIC. AM8

Zc A full K&R C compiler based on a port of the Atari ST version of the Sozobon-C compiler. Includes the C compiler main pass written by Johann Ruegg with fixes and enhancements by Joe Montgomery and Jeff Lydiatt, a cc front end written by Fred Fish with enhancements by Jeff Lydiatt and Ralph Babel, an optimizer written by Tony Andrews, an assembler written by Brian Anderson and Charlie Gibb, a linker written by the Software Distillery, generic include files, and a C runtime library written by Dale Schumacher and ported by Jeff Lydiatt. This is version 1.01. Author: Various, see documentation. FF314, FF193

Zerg An Ultima clone that takes your character through a simple but deadly fantasy world where you get to slaughter monsters, talk with the inhabitants of fully populated towns, embark on royal quests, purchase a plethora of weapons, cast spells, and otherwise occupy yourself while your computer is engaged in more important business. Version 1.0, binary only. Author: Mike Shapiro FF252

ZeroVirus A fully integrated virus checker and killer, with bootblock save and restore features. Finds both bootblock and file based viruses. Uses Brainfiles to recognise viruses, and has on-line Brainfile editing facilities. Can be iconified to Workbench screen. This is version III 1.15, an update to version 2.01 on disk 287. Binary only. Author: Jonathan Potter FF412, FF287, FF242

ZGif A VERY fast, and very small GIF displayer, ideally suited to the new AGA machines, but also provides a quick greyscale display for older machines. Main features are: SMALL!; CLI interface; AGA fully supported, 24-bit palette utilized; Asynchronous file reading; comes in 68020+ and 68-nuthin versions. Version 0.4, binary only. Author: Michael Zucchi FF907

ZIP A program which can interpret and run standard series and interactive fiction plus Infocom game files. Includes sound and proportional font support and other Amiga specific features. Version 1.00, Amiga release 2.2, includes source in 'C'. Author: Mark Howell, Amiga port by Olaf Barthel FF833

Zippy A 'Graphical Shell'. Opens a medium-size window and attaches a menu-strip for performing all sort of disk/ data manipulations. Features script files allowing you to attach custom menu selections as you move between directories. Also included is an intuition based utility for altering FileInfo data. (filename, filenote, RWED attributes, etc.) Version 2.5, binary only. Author: Michael Weiblen FF175

ZipWd ZipWd is a little example code of the new OS 2.xx feature of zipping windows. It does the same thing as clicking on the window's ZipGadget. It's also useful if you define a keyboard macro with ZipWd. Requires AmigaOS 2.xx. Version 0.5, public domain, includes source. Author: Hans-Peter Guenther FF749

ZMachine A program which can interpret Zork Implementation Language (ZIL) data files. ZIL is the language used by the interactive fiction series of games from Infocom Inc. Version 1.0.3, binary only. Author: leo@marco.UUCP, Amiga port by Kent Dalton FF716

Zon An arcade/adventure game that mixes a unique blend of puzzle solving and arcade adventure. Your mind and your reflexes will both be tested to their limits as you work your way towards your goal, recovering the Rings of Zon. Has 19 levels of action, save/restore your game on any level, stereo digitized soundtracks and sound effects, over 100 objects to discover and explore, up to 300 moving objects on the screen at once, and more. Volume 1, shareware, binary only. Author: George Broussard FF421

Zoo A file archiver, much like 'arc' in concept, but different in implementation and user interface details. Version 2.10, an update to version 2.00 on disk 164. New features include greatly improved compression, preservation of full pathnames by default, and extended multi-screen help. Binary only. Author: Rahul Dhesi, Amiga port by Brian Waters FF527, FF164, FF136, FF108, FF87

Zoo Another independent port of Zoo version 2.10, this version includes source. Zoo is a file archiver, much like 'arc' in concept, but different in implementation and user interface details. Version 2.10, an update to version 2.00 on disk 164. New features include greatly improved compression, preservation of full pathnames by default, and extended multi-screen help. Includes source. Author: Rahul Dhesi, Amiga port by Olaf Seibert FF753

Zoom A fast and efficient floppy disk archiving utility based on the data compression / decompression algorithms used by lh.library. Has an Intuition and a Shell interface, fully supports Kickstart 2.0, is able to add texts and notes to archived output files, knows 274 different bootblock viruses, includes a number of compression parameters (such as encryption of the output file) and a lot more. Version 5.4, update to FF459. Binary only. Author: Olaf 'Olsen' Barthel FF682, FF459, FF436

ZoomBox: Attaches a zoom box to an Intuition window and allows the user to toggle the window's size and its position. Author: John Leonard AC12

ZoomDaemon Adds a 'zoom' gadget to every window that can be resized. Pressing this gadget makes the window as large as possible or as small as possible, or brings it back to its normal size. Version 2.1.3, include source. Author: Davide Cervone FF498

ZPlot Graphs formulas based on 4-D complex number planes. ZPlot currently supports the Mandelbrot set, Julia sets, and Phoenix curves, with over 500 mapping variations. The math functions supported include sin(z), sinh(z), z^z, e^z, z^n, sqrt(z), cos(z), cosh(z), tan(z), tanh(z), log(z), ln(z) and n^z. Version 1.3d, binary only Author: Terry Gintz FF389

ZScroll A short program which scrolls ASCII text files in a small window on your Workbench screen. Includes both English and German versions. Version 1.0, includes source. Author: Mark Zeindlinger FF544

ZShell A very tiny (13Kb) CLI shell modelled along the lines of CSH, with over 40 internal commands. Some of its features include command line editing, history buffer, aliases, function key aliases, reverse polish calculator, multiple commands on one line, loops, If-Else-Endif constructs etc. This is version 1.30 and includes assembly source. Author: Paul Hayter FF537

CatFish Index

The following continuing addition to *AC's GUIDE to the Commodore Amiga* is provided by Dr. Patrick Bailey. The CATFISH directory has been a long time effort of Dr. Bailey and is considered one of the most complete cross-referenced category listings of Mr. Fred Fish's extensive library. This data is also available on disk and is included in the extensive CATFISH Catalog disk described in the Miscellaneous Software, Disk Catalogs, section of this Guide. We include it here with the good graces of both Patrick and Fred to allow our readers to more easily locate the software they need in the freely distributable Amiga public domain library.

This listing is arranged by categories and is organized by the two-level outline shown below. Only the latest version of each file is listed along with its associated Fish disk number. Each file is listed only once, so duplicate file names refer to different operational programs. File names ending in a colon denote that they work with only WB 2.0 or higher, and files ending in a semicolon denote that they work with WB 3.0 or higher. As always, if you find any inaccuracies in this listing, or have any ideas in how we can improve this or any other part of this guide, please write us.

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- Stock Analyses
- Mailing Lists
- Project Management
- Business Misc.

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AmyViaWalker
MinRexx
Tabu
UUCP
'Liner

Fred Fish Disk 451
Convert
ProDrivers
RCS
RRamDisk
SnoopDos

Fred Fish Disk 452
Budget
FLODemo
ImageLab
MandelPAUG

Fred Fish Disk 453
AmigaTration
Lemmings
ProjMot
Quick

Fred Fish Disk 454
Decigel
Enforcer
Redaktu
StillStore
Vortex

Fred Fish Disk 455
AngusCopy
ConvMacF
MemMon
Vit

Fred Fish Disk 456
CheatSheet
CManual

Fred Fish Disk 457
CManual
Line
QuickReq

Fred Fish Disk 458
ATCopy
Csh
GIFMachine
TeXify

Fred Fish Disk 459
AmiDock
Conquest
Rxgen
XprZmodem
Zoom

Fred Fish Disk 460
JMenu
NetHack
ShadowMaker

Fred Fish Disk 461
DFrags
DiskPrint
Logic
MandAnim
NewList
SBall
TDraw
Tron

Fred Fish Disk 462
CacheDisk
DisTerm
Humartia
SeaLance
Up&Down

Fred Fish Disk 463
ExecRexx
FileID
ILBM
LibTool
RexxIntuition
RexxLib

Fred Fish Disk 464
Cross
FileWindow
PictureEditor
Scan

Fred Fish Disk 465
FCS
Lz
MRBackUp
TextPlus

Fred Fish Disk 466
DICE
HamLabDemo
Mosaic
StopWatch

Fred Fish Disk 467
Multiplot
PowerSnap

Fred Fish Disk 468
Post
Vit

Fred Fish Disk 469
AirAce
FastLife
Triangle
WordPuzzle

Fred Fish Disk 470
BCF
KeyMenu
TripleYachtZ

Fred Fish Disk 471
BTNTape
MachIII
MoleWh
Uedit

Fred Fish Disk 472
CNewsBin
ICalc
IFFBeep

Fred Fish Disk 473
BigBrother
CNewsSrc
Family_Sol
MissileCmd

Fred Fish Disk 474
Aequipot
AmiDock
CrcLists
Enforcer
Imperium

Fred Fish Disk 475
AssignX
Blankette
CITAS
GadgetED
ToolLib

Fred Fish Disk 476
Browser
MED
Mostra
ToolManager

Fred Fish Disk 477
IRMaster
MegaBall
NoDelete

Fred Fish Disk 478
LSlabel
MED-Songs
MP
NewList

Fred Fish Disk 479
CheckPrt
TDP
UUCP

Fred Fish Disk 480
Cryptor
NoCare
TplEdit
UUCP

Fred Fish Disk 481
K1
MCP
TLPatch
WaveMaker

Fred Fish Disk 482
Ephemer
Molec3D

Fred Fish Disk 483
ButExchange
ColorSamples
InputLock
MED
MouseXY
PicSaver
PointerX
PSX
PWKeys
TD

Fred Fish Disk 484
BootPic
EZAsm
MSClock
Spright
TextPlus
Viewer

Fred Fish Disk 485
Drawmap
NiftyTerm
Spades

Fred Fish Disk 486
Metafont
SoundEd

Fred Fish Disk 487
AssignX
MFSrc
PPrint

Fred Fish Disk 488
LordOfHosts
MidiTools
SGD
SuperDuper
View80

Fred Fish Disk 489
Automata
MkBmap
SKsh

Fred Fish Disk 490
AmiCheck
AntiLemmin
Recolor

Fred Fish Disk 491
bBaseII
DICE
fBlanker
Klondike

Fred Fish Disk 492
LoanCalc
SBProDemo

Fred Fish Disk 493
AmiBack
AmigaLib
AmiGantt
BBFormat
BizCalc
Connex
ScreenMod

Fred Fish Disk 494
Bref
ButExchange
DeafLab
InputLock
PicSaver
PWKeys
StackWatch
vScreen

Fred Fish Disk 495
AnalytiCalc

Fred Fish Disk 496
AvailMem
DU
GodsDemo
MemMometer
Ruler

Fred Fish Disk 497
AutoActivate
Back&Front
CenterScreen
ChangeColors
LoftyMouse
MouseAccel
MouseBlanker
NewShellCX
NLCalc
NLDaemon
Reboot
Request
WindowShuffle

Fred Fish Disk 498
CPalette
FreeCopy
Pauky
TapeCover
WordSearch
YatZ
ZoomDaemon

Fred Fish Disk 499
Digib
Matlab

Fred Fish Disk 500
Signal
sWindows
wIconify

Fred Fish Disk 501
AddMenu
AutoCLI
Domnos
DOSWatch
Genesis
LList
NewList
NoClick
NoErrors

Fred Fish Disk 502
AutoRev
CELLS
ReturnCode
SysInfo
TrackDOS

Fred Fish Disk 503
NoFragLib
PCQ

Fred Fish Disk 504
PolyStIlCon
RoadRoute
ShuttleCock
View
ViewDir

Fred Fish Disk 505
TheDatingGame

Fred Fish Disk 506
NGTC

Fred Fish Disk 507
LHCon
NGTC

Fred Fish Disk 508
DirWork
HCC

Fred Fish Disk 509
Multi_Player
PCKeyMap

Fred Fish Disk 510
ATCopy
SYNWORKS
VMK

Fred Fish Disk 511
Connex
DirWork
Less
OneKey
PCQ
Solitaire

Fred Fish Disk 512
Csh
Flipit
M2Pascal
Solitaire

Fred Fish Disk 513
DKBTrace
NewList

Fred Fish Disk 514
DKBTrace
GearCalc
S220to8SVX
TLog

Fred Fish Disk 515
CheckBook
D110EdDemo
PP
SetCCOPTS

Fred Fish Disk 516
Enigma
Loom
PhoneGram
Quotes
RexxView
Xi

Fred Fish Disk 517
Aequipot
AmiBack
CWToy
Hex
RussianFonts
Spliner

Fred Fish Disk 518
AmiDock
Lister
Post

Fred Fish Disk 519
AVLSort
ChkFrag
FifoLib
OakLisp
Optimizer

Fred Fish Disk 520
IOBoard
OakLisp

Fred Fish Disk 521
A68k
BatchMaster
CheckPrt
K1
LandScape
SynthSong
T3E

Fred Fish Disk 522
MAK

Fred Fish Disk 523
BMake
Conquest
PSGraph
ScreenJaeger
SerLib

Fred Fish Disk 524
Kamin
Snap
TAPDemo

Fred Fish Disk 525
CrcLists
DumpHarpoon
MinixDemo
SIOD

Fred Fish Disk 526
DataEasy
GNUPlot

Fred Fish Disk 527
Arq
Lister
MightyMouse
PicBase
SRegExp
ToolManager
Zoo

Fred Fish Disk 528
AmiOmega
CpuBlit
FontConv
KeyMenu
SimSmart

Fred Fish Disk 529
ClockDJ
MonkeyDemo
TownMaze

Fred Fish Disk 530
DeckBrowser
Dme
TurboTitle

Fred Fish Disk 531
CaligariDemo
DisDF
FileSearch
Graffiti
PuplousKeys

Fred Fish Disk 532
BootPic
DataPlot
SCSIMounter
SCSIPrefs
TrainerMaker

Fred Fish Disk 533
BootGen
Conquest
Convert
DosManager
Icons
OctaMEDDemo
VTest

Fred Fish Disk 534
Term

Fred Fish Disk 535
Accent
ArcL
BizCalc
Format
FracBlank
Icon
KeyMacro
SetBatt
termLite

Fred Fish Disk 536
Chemesthetics
IncRev
PBlanker
WFile

Fred Fish Disk 537
AntiBorder
BootGames
CHIP8
Cross
FO
PaulCopy
PBlanker
SMUSMIDI
ZShell

Fred Fish Disk 538
BCBMusic
MatLabPatch
NGTC

Fred Fish Disk 539
DT
PF
RPN
SimpleRexx
Uedit
VLTimer

Fred Fish Disk 540
Browser
CLIExe
ParM
PatchReq
Req
SANA
SetColors
WBRun

Fred Fish Disk 541
4D
GIFMachine
MineClearer
Steal
Thinkamania

Fred Fish Disk 542
BootX
ChemniMaTe
PowerSnap
PP
PPAnim
PPLoadSeg
PPMore
PPShow
PPType
RemapInfo
Selector
TheGuru
VCLI

Fred Fish Disk 543
AudioScope
Badger
ColorCatch
Day2Day
MouseXY
PictSaver
PReader
Spectrogram
TD
WBplane

Fred Fish Disk 544
AWP
EraseDisk
LanderGame
RaiderGame
TurboGIF
ZScroll

Fred Fish Disk 545
DrawMap

Fred Fish Disk 546
2View
Budget
DiskPrint
DSound
Icons
WBLink

Fred Fish Disk 547
EasyExpress
FindName
MMBShift
RMBShift
VideoMaxe
View

Fred Fish Disk 548
FreePaint
LabelMaker
MambaMove
MultiInstall
SandGlass
TG

Fred Fish Disk 549
Bugs
FFEX
FontList
M2Icons
MouseMagic
Reversi
VerseWise

Fred Fish Disk 550
BeBopDemo
ICalc

Fred Fish Disk 551
ARTM
CWeb
ToolManager
WBGauge

Fred Fish Disk 552
GNUPlot
TaskPri
TSFSuite

Fred Fish Disk 553
24BitTools
AddMenu
AutoCLI
FAFF
RoadRoute
SysInfo

Fred Fish Disk 554
Amastermind
IFSgen
Landmine
Landscape
LVD
SubAttack

Fred Fish Disk 555
EasyColor
FED
FlashCopy
HPMode
RMBShift
TheA64Package

Fred Fish Disk 556
ASMOneDemo
Schema2C
VirusChecker

Fred Fish Disk 557
AutoCentre
DPatch
Warp Speed

Fred Fish Disk 558
BTNtape
DisDF
Schema2C

Fred Fish Disk 559
Addresser
APIG
Aquarium
RexxRMF

Fred Fish Disk 560
BootX
Llamatron
MuchMore
STScan

Fred Fish Disk 561
PPLib
PPMore
PPShow
ReqTools
SuperDuper
ToolsDeamon

Fred Fish Disk 562
CLIsizer
Degrader
Filer
Fkeys
Intuisup
ShowGuru

Fred Fish Disk 563
bBaseII
Kpri
M2Midi
Menu2Asm
MidiKeyboard
ReqLibrary

Fred Fish Disk 564
ALoad
DisKey
DoPro
MSCalendar

Fred Fish Disk 565
AddMenu
CanDoDemos
PCompress
SysInfo

Fred Fish Disk 566
AM
AptelKiste
Bomber
FoCo

Fred Fish Disk 567
AmigaMail
AutoCLI
DiskPrint
MouseAideDEMO
SetRamsey

Fred Fish Disk 568
Schoonschip
VMK

Fred Fish Disk 569
PPLoadSeg
SonicArranger
Spliner
TrackMaster

Fred Fish Disk 570
DirWork
Fass
GadToolsBox
MenuLock
View

Fred Fish Disk 571
AutoCLI
CPUSet
Gwin
MemClear
SysInfo

Fred Fish Disk 572
CrossFade
Multiplot
ResetHandler
WBStart

Fred Fish Disk 573
MathPlot
MToolLibrary
Plasma
Plotter

Fred Fish Disk 574
Chemesthetics
MKSLens
NewZAP

Fred Fish Disk 575
AmigaToNTSC
DataPlot
PPLib
ReqTools

Fred Fish Disk 576
Analyzer
Budget
TermII

Fred Fish Disk 577
LhA
OwnDevUnit
PetersQuest
TurboQuantum

Fred Fish Disk 578
Spice3

Fred Fish Disk 579
BinToHunk
Cass
OctaMED

Fred Fish Disk 580
WorldDataBank

Fred Fish Disk 581
FileLocator
Neuro
Prism
StopWatch
StripANSI

Fred Fish Disk 582
Diplomacy
Questionatort
VideoDat

Fred Fish Disk 583
ARoff
ATbl
CPUSet
SuperLock
SuperSpell
SysInfo
TplEdit
WorldTime

Fred Fish Disk 584
DataPlot
Electron
EnvPrint
IFFWizard
RevHead
TextStat
WizardClock
WizardFiler

Fred Fish Disk 585
RayDance

Fred Fish Disk 586
AzMake
BlackHole
Opus8
TheGallows
Tree4D

Fred Fish Disk 587
ConLib
GMC
TMKBP

Fred Fish Disk 588
FifoLib
FracBlank
MandelSquare

Fred Fish Disk 589
Term

Fred Fish Disk 590
Crystals
EquiLog
MICE
Seeker
SuperDuper

Fred Fish Disk 591
MonopolySrc
Vim

Fred Fish Disk 592
CirclesUp
EZAsm
LAZi
NumbersUp
PublicService
QuickTrans
Star

Fred Fish Disk 593
AnalyRim
Elements
PicPak
PictSaver
WindowTiler

Fred Fish Disk 594
AnalyRimSrc
Cube4

Fred Fish Disk 595
ClibSave
IconSwap
P-Compress
P-Reader
P-Writer

Fred Fish Disk 596
RayShade
ToolTypeWatch

Fred Fish Disk 597
GoLD
IconTools
NewList
ScudBuster
ShadowMaster
ThinFonts

Fred Fish Disk 598
ANSI
DX100
FB-01
Parse
TX81Z

Fred Fish Disk 599
DBuff
InputView
MailMerge
MoG
PrLabel
RxIlShell
STSLib

Fred Fish Disk 600
Env
Memcheck
Multi_Player
NCode
Paragon
Rothello

Fred Fish Disk 601
APipe
Intuisup
PP

Fred Fish Disk 602
JM
MathsAdv
MBPress
PlotLib

Fred Fish Disk 603
DungeonMap
DynaCADD
ICONtrol
Notify

Fred Fish Disk 604
ArpRequest
DynaCADD
MIDIstuff
RingWar

Fred Fish Disk 605
DynaCADD
HDClick

Fred Fish Disk 606
AlgoRhythms
AutoGraf
FileMinder
PrFont
SpellCheck

Fred Fish Disk 607
AnimFader
DosControl
FishCat

Fred Fish Disk 608
CloneCmdKeys
FastLife
Vertex

Fred Fish Disk 609
AutoPort
bBaseII
BootPic
CryptoKing
STScan

Fred Fish Disk 610
ATCopy
Graffiti
PCExecute

Fred Fish Disk 611
AntiCicloVir
TeX

Fred Fish Disk 612
WildStar
TeX

Fred Fish Disk 613
TeX

Fred Fish Disk 614
TeX

Fred Fish Disk 615
TeX

Fred Fish Disk 616
TeX

Fred Fish Disk 617
AutoCLI
Beach
Revenge

Fred Fish Disk 618
Beach
Contact
VCLI
VoiceDemo

Fred Fish Disk 619
AFaxDemo
AmiGazer
IFF
Set040
SysInfo

Fred Fish Disk 620
Graffiti
TKEd
TrackDOS

Fred Fish Disk 621
IE
MultiPlayer
NComm

Fred Fish Disk 622
Challenger
Uedit

Fred Fish Disk 623
AIB
MakeIcon
PPLib
RemapInfo
ReqTools
WindowTiler

Fred Fish Disk 624
Csh
MachIV
PCMenu

Fred Fish Disk 625
CanonLBP
Pattern
SysInfo
TurboDEX

Fred Fish Disk 626
IInfo
LoranNotebook
MMU
OCD
SiliconSec
Stuffer
WaveMaker

Fred Fish Disk 627
ADoc
Concentration
FreePaint

Fred Fish Disk 628
APrf
Lothian
Set040

Fred Fish Disk 629
APIG
RexxRMF
Rocky
SrcAnalyzer

Fred Fish Disk 630
BICS
Fenster
MakeIcons
TrueEd

Fred Fish Disk 631
AHDM
Amigadex
KeyBang
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Fred Fish Disk 632
Attacks
Copper
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PrintFiles

Fred Fish Disk 633
GALer
PlansDemo
SoftLock

Fred Fish Disk 634
APIG
NewDefTool
NewPrint
NonClick
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Fred Fish Disk 635
BootPic
Icons
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Fred Fish Disk 636
Alert
EDRC
Electron
EnvPrint
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LISA
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SmallPalette
TurboLife
WizardCLock
WizardsInfo
WWBatch

Fred Fish Disk 637
LAZi
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Fred Fish Disk 638
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ShellTimer

Fred Fish Disk 639
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Fred Fish Disk 640
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Fred Fish Disk 641
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Fred Fish Disk 642
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Fred Fish Disk 643
4Wins
DSDemo
Install
PCTask

Fred Fish Disk 644
FontConverter
SystemInfo
Unsporting

Fred Fish Disk 645
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Elvis
HDFixer

Fred Fish Disk 646
AppliGen
KCommodity
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SoundZAP

Fred Fish Disk 647
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VcEd
YamEx

Fred Fish Disk 648
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Fred Fish Disk 649
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Fred Fish Disk 650
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TypoGrapherFix
Fred Fish Disk 711

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Fred Fish Disk 716
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ZMachine
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InScript
Keti
WKSC
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HDMem
Klondike
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MultiClock
PerfMonitor
Fred Fish Disk 741
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RKRM_Lib2
RKRM_Lib3
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Fred Fish Disk 743
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Fred Fish Disk 749
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PhxLnk
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DockBrushes
ExecMaster
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SaveW
SizeW
SplitQ
StripIt
Fred Fish Disk FF751
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CheatFont
PPMC
ReflexTest
VCLI
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LSlabel
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JcGraphDemo
Memmin
P-Compress
S-Text
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Blitt
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LE-NAG
MemWaste
PassWord
RemLib
SFragMem
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Gambit_Terp
Fred Fish Disk 765
Gambit_Comp
Fred Fish Disk 766
BBase2View
ISAM
MPE
PPDO
Switcher
Fred Fish Disk 767
Addresser
AntiCicloVir
BackUP
File
TextRead
TextRead
Fred Fish Disk 768
Uedit
Fred Fish Disk 769
ALook
CopperPrefs
LoadSpy
MeMon
PowerPlayer
Uedit
Fred Fish Disk 770
Uedit
Fred Fish Disk 771
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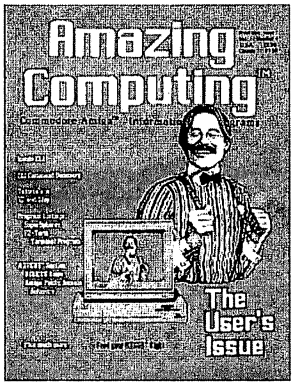

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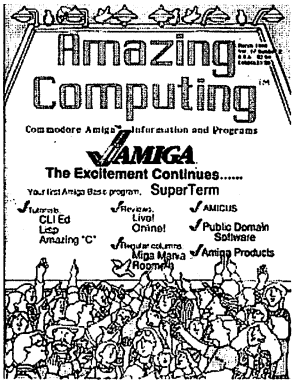

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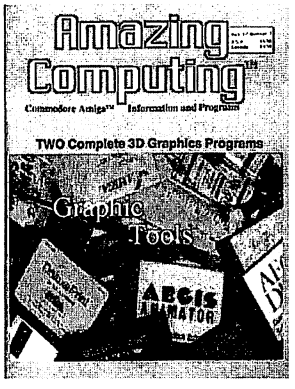

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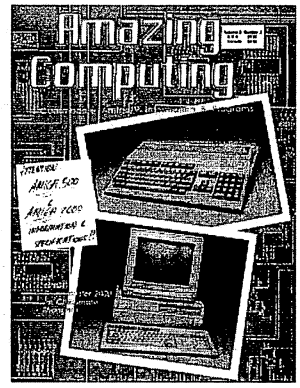

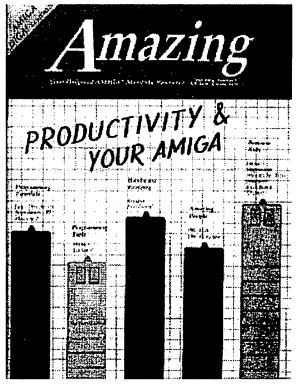

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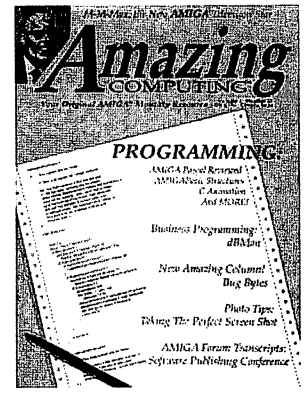

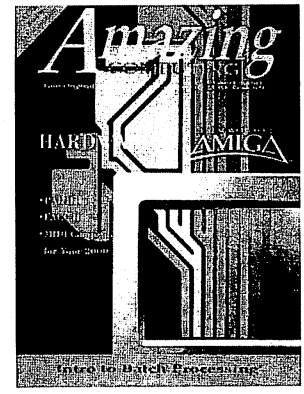

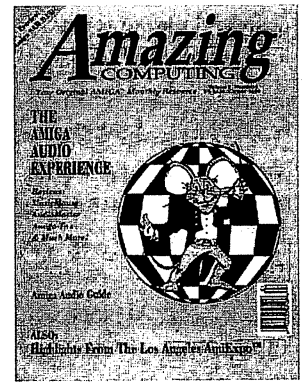

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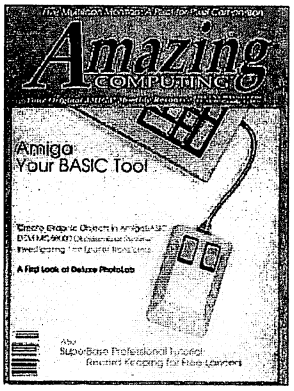

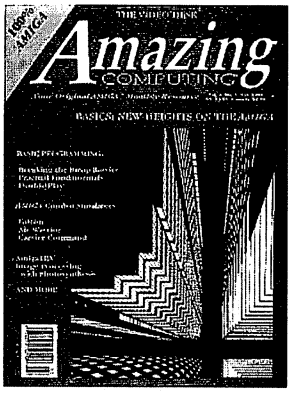

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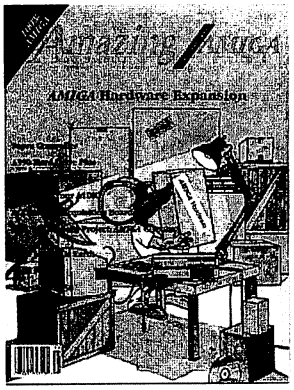

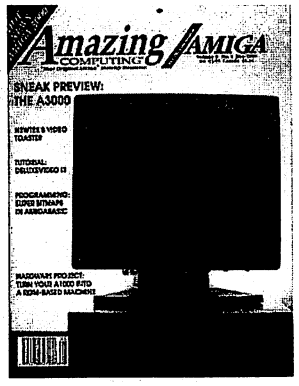

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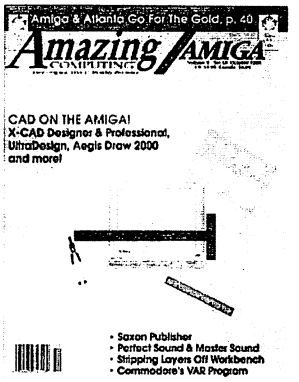

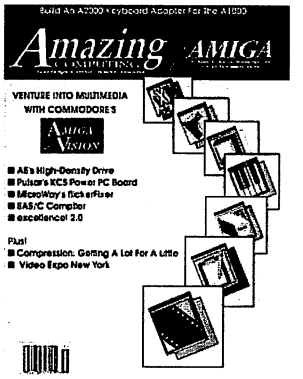

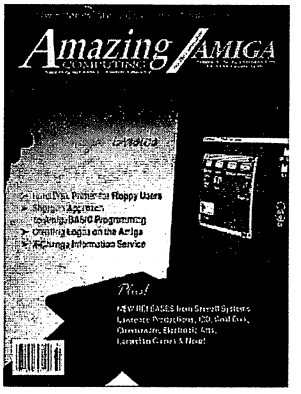

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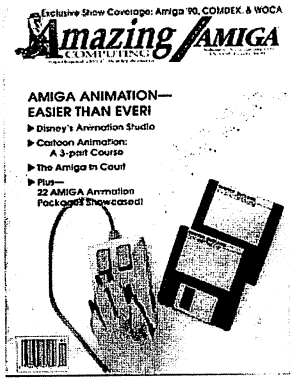

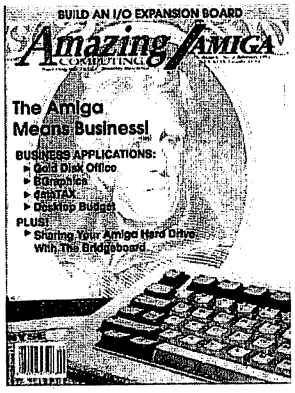

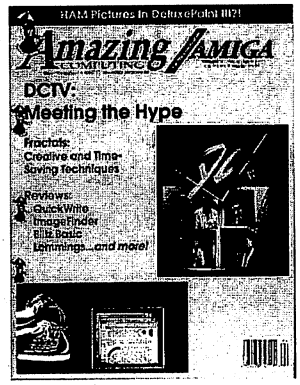

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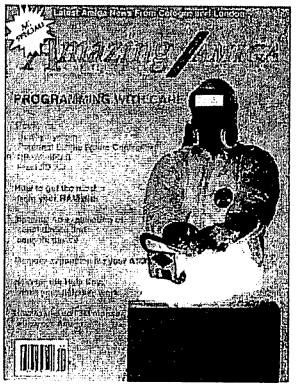

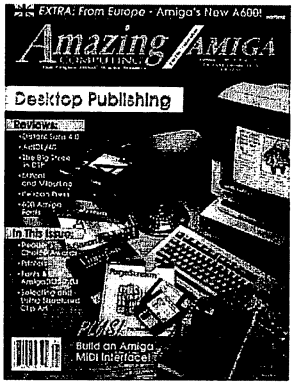

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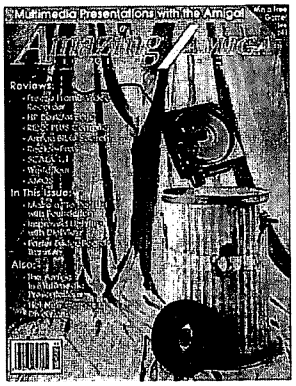

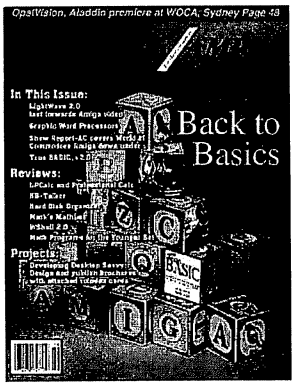

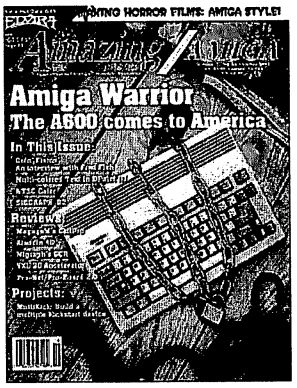

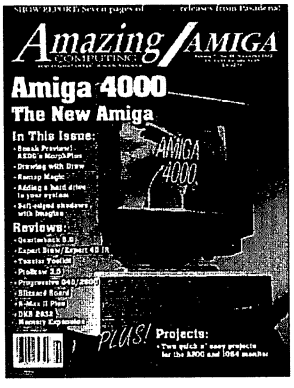

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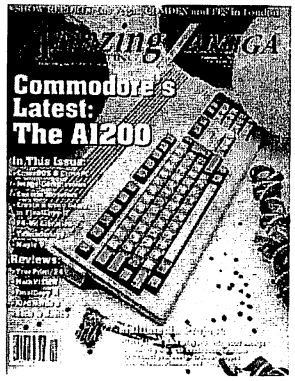

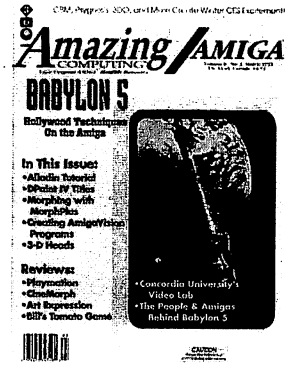

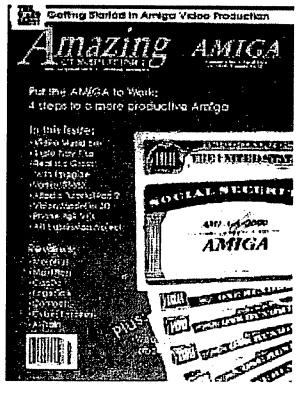

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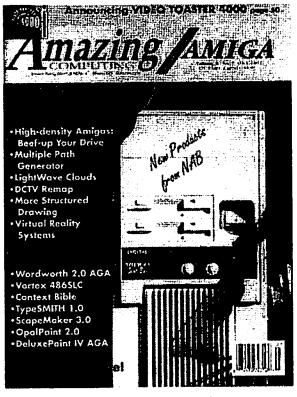

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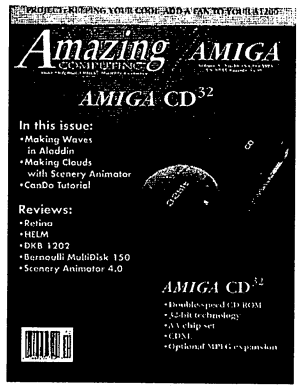

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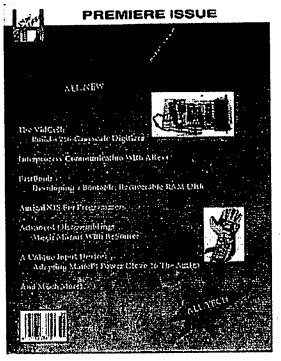

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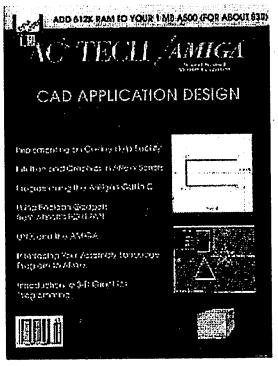

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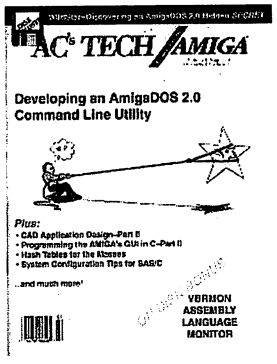

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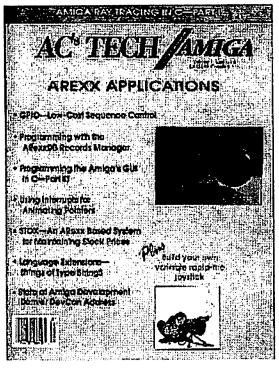

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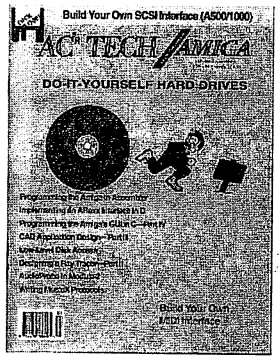

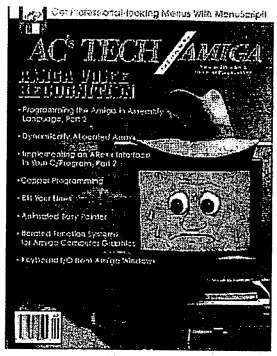

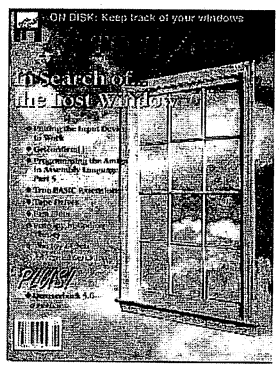

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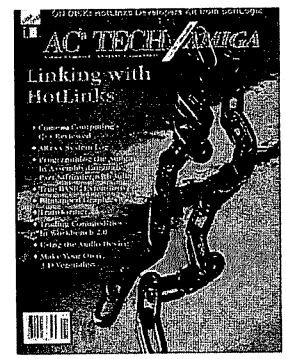

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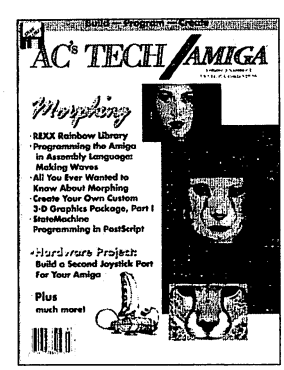

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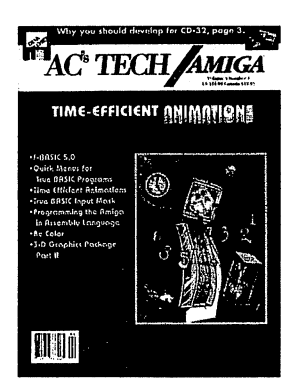

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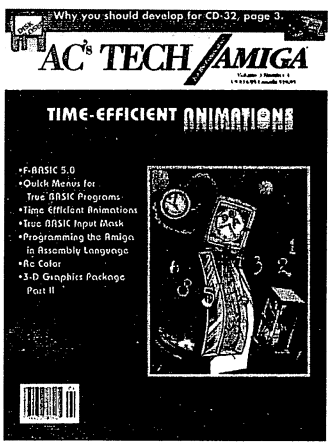

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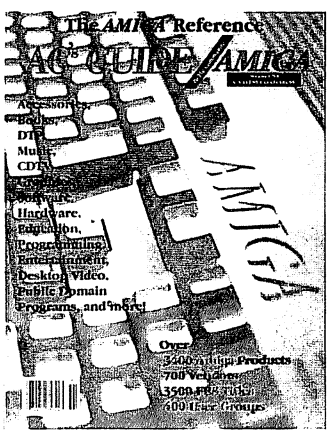

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DESKTOP PRESENTATION
DISK CATALOGS
DISK MAGAZINES
FORTUNE TELLING
GAMBLING
GENEALOGY
HANDICAP SUPPORT
HOME SECURITY
KNITTING/WEAVING
MISCELLANEOUS SOFTWARE GENERAL
NETWORKING
RELIGION
STATISTICAL ANALYSIS
TUTORIALS
WEATHER

MUSIC
EDITOR/LIBRARIAN
MISCELLANEOUS
MUSIC GENERAL
PERCUSSION
PROGRAMMING
SONGS
SOUNDS & INSTRUMENTS
TUTORIAL
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UTILITIES
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UTILITIES GENERAL
VIRUS PROTECTION

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DIGITIZERS
DIGITIZERS/ACCESSORIES
DIGITIZERS/FRAME GRABBERS
DIGITIZERS/SCANNERS
DIGITIZERS/SCANNERS/ACCESSORIES
DVE
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ENCODERS
FRAME BUFFERS
GENLOCK
SMPTE
SWITCHERS
TIME BASE CORRECTORS
VIDEO ENHANCEMENT
VIDEO HARDWARE GENERAL
VIDEO PRESENTATION SYSTEMS

VIDEO TOASTER
TOASTER
TOASTER FONTS

WORD PROCESSING
FONTS
FOR THE BLIND/VISUALLY IMPAIRED
INTEGRATED SYSTEMS
SPELL CHECKERS
TEXT EDITORS
UTILITIES
WORD PROCESSING GENERAL

User's Groups

Alaska

Amiga Users Group of Alaska
AUGA
Meeting Place: Anchorage Museum of History and Art Theatre, downtown, 7th and A Sts.
When: 2nd Wed, 7 PM
Interests: Amiga
Contact: Terry LaGrone
(907) 337-4136 BBS 9600 baud
Mailing address:
P.O. Box 211511
Anchorage, AK 99521-1511

Alabama

Birmingham Commodore Comp Club
Meeting Place: UAB (room 153)
901 14th Street, South Birmingham
When: 2nd & 4th Sun, 2 PM
Interests: Amiga/Commodore
Contact: Rusty Hargett
(205) 854-5172 (after 6PM)

Commodore Amiga Society of Montgomery
CASM
Meeting Place: First Alabama Bank
When: 3rd Sat, 9 AM
Interests: Amiga
Contact: Steve Winkler
(205) 281-7392

Coosa Valley Commodore Club
Meeting Place: Garden State Community College Technical Division
Jarvis Hall, Gadsen
When: 1st Thur, 7 PM
Interests: Amiga/Commodore
Contact: Tommy Robertson
(205) 549-0908

Hacks
Meeting Place: West Lawn Middle School
When: 2nd Mon, 7 PM
Interests: Amiga/Commodore
Contact: Raymond Patterson
(205) 883-8398
Mailing address:
P.O. Box 14356
Huntsville, AL 35815

North Alabama Society of Amiga Users
NASAU
Meeting Place: Universal Data Systems (UDS), 5000 Bradford Dr, Huntsville
When: 1st & 3rd Thur, 7 PM
Interests: Amiga
Contact: Steve Johnston
(205) 498-3962
(205) 880-8031 BBS
Mailing address:
NASAU
PO Box 7346
Huntsville, AL 35807

Scottsboro Commodore UG
Meeting Place: Page School-Lunchroom
When: 2nd Tue
Interests: Amiga/Commodore
Contact: Richard Radon
(205) 574-1830
Mailing address:
Rte. 5
P.O. Box 255
Scottsboro, AL 35768

Arkansas

Ark: Amiga
Meeting Place: St. Vincent Infirmary Medical Center, La Harpe Room
Little Rock
When: 2nd Mon, 6:30 PM
Interests: Amiga
Contact: Greg Eanes
(501) 666-8934
Mailing address:
c/o Greg Eanes
1508 Winslow Drive
Little Rock, AR 72207-6120

Commodore Computer Club
Meeting Place: Westark Community College Fort Smith
When: 2nd Mon, 7 PM
Interests: Amiga/Commodore
Contact: Steve Caperton
Hot Springs Commodore UG
Meeting Place: AP&L Bldg
324 Malvern Ave, Hot Springs
When: 3rd Tue, 7PM
Interests: Amiga/Commodore/MS-DOS
Contact: Julie Cathcart
(501) 624-5115

Northwest Arkansas Amiga Users Group
Meeting Place: Jim's Razor Back Pizza
US 412, Springfield
When: 2nd Sun, 2 PM
Interests: Amiga
Contact: Peter Laws
(501) 443-2598

Arizona

AmAz!
Meeting Place: New Glendale Public Library, 5959 W. Brown St.
Glendale, AZ
When: 3rd Wed, 7-8:30 PM
Interests: Amiga
Contact: Mel Elliot
(602) 931-1117
(602) 843-6574 BBS
Mailing address:
Amiga Arizona
P.O. Box 82371
Phoenix, AZ 85071

Amiga Users Group of Yavapai County
AUGU
Meeting Place: Prescott Public Library, third floor meeting room
When: 4th Sat, 1 PM
Interests: Amiga
Contact: Steve LaVigne, President
Mailing address:
1465 Coyote Road
Prescott, AZ 86303

Arizona Amiga User Group
AAUG
Meeting Place: Pyle Adult Recreation Center Tempe
When: 2nd Fri, 7 PM
Interests: Amiga
Contact: Myron Lieberman or Stan Skirvin
(602) 967-4054
(602) 948-2515
Mailing address:
P.O. Box 907
Tempe, AZ 85281

Catalina Commodore Computer Club
CCCC
Meeting Place: Madonna Hall, 1947 E. Adams, Tucson
When: 3rd Sat, 10 AM
Interests: Amiga, Commodore
Contact: Tom D'Angelo
(602) 296-5076
Mailing address:
P.O. Box
Tucson, AZ 85751-2548

Metro Amiga Computer ResOurce
MACRO
Meeting Place: Metro Tech Vocational Institute
1900 W. Thomas Rd. Lecture Hall Rm.1101 Phoenix
When: 1st Thur, 6:30 PM
Interests: Amiga
Contact: Joe Benedetto
(602) 938-8050
Mailing address:
P.O. Box 11681
Phoenix, AZ 85061-1681

Prescott Area Commodore Club
When: 1st Wed, 7 PM
Interests: Amiga/Commodore
Contact: Djon Vankirk
(602) 778-7893
Mailing address:
P.O. Box 4019
Prescott, AZ

California

3D Art Forum International
Meeting Place: Westside Pavilion Community room behind 3rd flr food court, West Los Angeles
When: 3rd Sun, 2:30-6 PM
Interests: 3-D Amiga programs
Contact: Victor Osaka
(310) 398-7649
Mailing address:
1341 Ocean Ave.
Suite 349
Santa Monica, CA 90401

AMIGA Group Enthusiasts of Fresno
AGE
Meeting Place: CA State University at Fresno, McLane Hall, Room 161
When: 2nd Sat, 9:00 AM
Interests: Amiga
Contact: Rodney T. Will, President
(209) 266-1129
(209) 226-7162 BBS
Mailing address:
P.O. Box 252
Fresno, CA 93708

ASCI
Meeting Place: Rancho Cucamonga Br Library
9191 Base LIne Rd, Rancho Cucamonga
When: 1st & 3rd Thur, 6:30 PM
Interests: Commodore
Contact: Josh Jacoby
(714) 989-6041

AWEST
Meeting Place: Computer Showcase, 2739 Geary Blvd. , San Francisco
When: 1st Wed, 7 PM
Interests: Amiga
Contact: Jamie Pandover
(415) 584-8406

AmiCosmo Amiga User's Group
AmiCosmo
Meeting Place: Oak Knolls Baptist Church 4799 S. Bradley Rd. Santa Maria
When: 3rd Mon., 6:30 PM
Interests: Amiga
Contact: Joe Rose
Mailing address:
4482 Glines Ave.
Santa Maria, CA 93455

Amiga Anonymous
Meeting Place: IHD Global Computer Center
205 East 8th St. National City
When: 3rd Sunday 1:00-3:00PM
Interests: Amiga
Contact: Marlin Schwanke
(619) 477-0402
P.O. Box 2789
National City, CA 91951-2789

Amiga Friends
Meeting Place: Rancho Santiago College 17th & Bristol Rm R-124, Santa Ana
When: 3rd Sun, 1-4 PM except during Dec, 2nd Sun
Interests: Amiga
Contact: Sam Noonan
(714) 775-7237
(714) 870-4754 BBS
(714) 870-6594 BBS
Mailing address:
P.O. Box 4186
Huntington Beach, CA 92605-4186

Amiga Friends User Group
Meeting Place: Ocean View High School @ Warner and Gothard
Huntington Beach
When: 3rd Sunday at 1PM
Interests: Amiga
Mailing address:
P.O. Box 4186
Huntington Beach, CA 92605

Amiga Science and Technology Users Group
ASCITEC
Meeting Place: Lockhead Missiles & Space Co (Sunnyvale) Los Altos
When: 2nd Thur, 5 PM
Interests: Amiga, Scientific
Contact: Dr. Patrick Bailey
(415) 960-9399
Mailing address:
ASCITEC
P.O. Box 201
Los Altos, CA 94023-0201

Amiga Tech UG1 and 2
ATUG
Meeting Place: MIchaelangelo's 552 W. Arrow Hwy., San Dimas;
Glendale Federal Savings, Monrovia
When: ATUG1 Last Tues, 7 PM
ATUG2 Third Sat, 1 PM
Interests: Amiga
Contact: Chris Marple
(714) 621-9814
(818) 966-5099 BBS
Mailing address:
184 Villanova Dr.
Claremont, CA 91711

Amiga UG of Long Beach
Meeting Place: Huntington National Bank 9025 E. Artesia, Bellflower
When: 1st Mon, 7PM; 2nd Sat, 1 PM; 3rd Sun, 1PM; 3rd Mon, 7 PM
Interests: Amiga
Contact: Larry Blair
(213) 422-8226
Mailing address:
P.O. Box 228
Long Beach, CA 90802-0228

Amiga Users in SF
AWEST
Meeting Place: Laguna Honda School 1350 7th Ave. San Fancisco, CA
When: 1st Thurs, 7:00 pm
Interests: Amiga
Contact: Jamie Padover
(415) 584-8406
(415) 824-8774 BBS

Amiga Users of Marin
AUM
Meeting Place: College of Marin, Austin Science Center, Room 191
Kentfield, CA
When: 3rd Wed, 7:30 PM (Beginner's class & Video SIG, 6 PM)
Interests: Amiga
Contact: Ron Sullivan
(415) 456-1411
(415) 485-5895 BBS
Mailing address:
c/o Guru News
44 Western Dr.
Novato, CA 94947

Amiga Video-Graphics Guild
Meeting Place: The Meeting Place, Fallbrook Mall, Shoup Ave, San Fernando Valley
When: 2nd Sat, 1:30-4:45
Interests: Amiga, video and graphics
Contact: Geoffrey Williams, Director
(805) 520-9686
Mailing address:
AVG
Geoffrey Williams, Director
1649 Arcane Street,
Simi Valley, CA 93065

Bay Area Computer Society
BACS
Meeting Place: Fremont Main Library, Fremont, CA
When: 2nd Mon
Interests: Amiga
Contact: Joaquin Menchaca
(510) 796-6935
(510) 888-0440 fax
Mailing address:
BACS/Amiga
19691 Center Street
Castro Valley, CA 94546

C.O.U.G.O.R.
Meeting Place: 1012 Layton Rd. # 20 Redding
When: 1st Wed, 7 PM
Interests: Amiga/Commodore
Contact: Robert Wall
(916) 222-8263

C.O.W.
Meeting Place: San Bruno Parks & Rec Bldg., San Bruno
When: 3rd Thur, 7-10 PM
Interests: Amiga/Commodore
Contact: Steve Beale
(415) 873-2200
Club-64
Meeting Place: Knights of Columbus 1729 E. Baseline, San Bernadino
When: 1st Thur, 7-9 PM
Interests: Amiga/Commodore
Contact: John Shinkunas
(714) 862-5126

Commodore UG of Riverside
Meeting Place: California School For Deaf, Hwy 91, Arlington Ave., Riverside
When: 2nd & 4th Thur, 7-9 PM
Interests: Commodore
Contact: Ken Brown
(714) 689-1452

DBUG
Meeting Place: Diamond Bar Library 1065 Grand Ave, Diamond Bar
When: 2nd & 4th Wed
Interests: Amiga/Commodore
Contact: David Zechiel

Desert Amiga Users Group
DAUG
Meeting Place: PERC Building 82660 Indio Blvd
When: 3rd Sun, 3 PM
Interests: Amiga
Contact: Bill Prost
(619) 346-5506
Mailing address:
P.O. Box 221
Palm Springs, CA 92263

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Last Minute Additions

Greater Riverside Amiga Users Group
GRAUG
Meeting Place: Computer Source, 3605 Market St, Riverside
When: 2nd Mon
Interests: Amiga, Toaster
Contact: Bill Shacklady, President
(714) 653-7456
(714) 686-0220 BBS
Mailing address:
P.O. Box 15
Riverside, CA 92502

Kern Amiga Owners Society
KAOS
Meeting Place: Southwest Veterans Hall, Room 3
1901 Wilson Road, Bakersfield
When: 1st Wed, 7 PM
Contact: Mike Glinzak
(805) 588-1530
(805) 399-1765 BBS
Mailing address:
P.O. Box 40862
Bakersfield, CA 93384

Los Angeles Amiga UG
Meeting Place: Veterans Memorial Auditorium
Culver City
When: 3rd Wed, 7:30 PM
Interests: Amiga
Contact: Kip Hammond
(213) 390-3010

Merced Amiga Group's Initials
MAGI
Meeting Place: 3033 N. G St., Merced CA
Merced Sun Star
When: 1st & 3rd Thrus., 7:00-9:00 PM
Interests: Amiga
Contact: Mike Rogers
(209) 358-7848
(209) 384-9370
Mailing address:
P.O. Box 341
Atwater, CA 95301

NCAC
Meeting Place: Rico's Pizza
200 Hartnell Ave, Redding
When: 2nd Sat, 2 PM
Interests: Amiga
Contact: David Murphy
(916) 472-3237

Napa Valley Commodore Comp Club
Meeting Place: Jim Olson's
2045 Coombsville Road
When: 3rd Mon, 7 PM
Interests: Amiga/Commodore/MS-DOS
Contact: Carl Peigh
(707) 255-6375
Mailing address:
P.O. Box 2324
Napa, CA 94558

North Valley Commodore UG
Meeting Place: Butte County Library
East 1st, Chico
When: 1st Wed, 7-9 PM
Interests: Amiga/Commodore
Contact: Frank Alexander
(916) 872-0896
(916) 872-3711 BBS
(916) 894-8333 BBS
Mailing address:
597 Circlewood Dr
Paradise, CA 95969

Northern California Amiga Club
Meeting Place: Rico's Pizza Parlor
200 Hartnell Ave, Redding
When: 2nd Sat, 2 PM
Interests: Amiga
Mailing address:
P.O. Box 54
Bella Vista, CA 96008

Oceana-64 Commodore Club
Meeting Place: 1004 Plover Way
Oceanside
When: 2nd & 4th Thur, 10 AM
Interests: Commodore
Contact: Sam Brooks
(619) 433-3599

Redwood Empire Amiga Users Group
RE-AMIGA
Meeting Place: Rohnert Park Jr. High School Rm. C-5
7165 Burton Ave., Rohnert Park CA.
When: 2rd Tue, 7:30 PM (Novice SIG, 6PM)
Interests: Amiga (ARexx, Productivity, Telecomm., Graphics, Video SIGS)
Contact: Ben Young
(707) 523-9978
(707) 539-6944 BBS

SMAUG
Meeting Place: Seaside Library
Seaside
When: 3rd Tue, 7 PM
Interests: Amiga
Contact: Richard Binsacca
(408) 678-2518

Sacramento Amiga Computer Club
Meeting Place: Pacific Bell Aud
2700 Watt Ave, Sacramento
When: 4th Wed, 7-10 PM
Interests: Amiga
Contact: Will Hunt
(916) 925-6663
(916) 332-5144 BBS
(916) 344-8348 FAX
Mailing address:
Sacramento
P.O. Box 19784
Sacremento, CA 95819-0784

San Diego Amiga User's Group
SDAUG
Meeting Place: SDG & E Building Auditorium 101 Ash Street
Downtown San Diego
When: 1st Tues, 7 PM
Interests: Amiga
Contact: Joel Cross Jr.
(619) 283-1664
Mailing address:
P.O. Box 80186
San Diego, CA 92138-0186

San Fernando Valley Amiga User Group
Interests: Amiga
(818) 887-2717
Mailing address:
P.O. Box 8183
Van Nuys, CA 91409

Santa Barbara Commodore UG
Meeting Place: Goleta Library
Fairview Ave, Goleta
When: 3rd Sat, 1-4 PM
Interests: Commodore
Contact: Murray Kalisher
(805) 562-2256

South Bay Amiga Dudes/Dudettes
Meeting Place: South Bay Contemporary Museum of Art
When: 1st Thurs, 7 PM
Interests: Amiga
Contact: Gordon Borbay
(213) 376-7329
(213) 325-1796 BBS

South Orange Commodore Klub
Meeting Place: Union Savings
23688 El Toro Rd.
When: 3rd Sat, 9 AM
Interests: Amiga/Commodore
Contact: Don Gribble
(714) 830-2430
Mailing address:
25401 Champlain Rd.
Laguna Hills, CA 92653

Southern California Users Group
SCAUG
Meeting Place: St. Thomas of Canterbury Episcopal Church- Huntington Hall-2nd floor.
5903 Arbor Road Long Beach
When: 1st Tues at 7:30PM
Interests: Amiga
(310) 630-2712

T.C.U.G.
Meeting Place: call for place, day, and time Lafayette
Interests: Amiga/IBM
Contact: Margaret Copeland
(415) 284-1635
Mailing address:
P.O. Box 1065
Lafayette, CA 94549

Tracy Amiga Group
TAG
Meeting Place: The Computer Connection, 319 West 11th St., Tracy
When: 7:00-9:00, 1st Tues. of Month
Interests: Amiga
Contact: Jim Schuknecht
(209) 847-1377
Mailing address:
P.O. Box 709
Tracy, CA 95378

V.C.C.
Meeting Place: Doctors Medical Center Conf Rm
Florida and Orangeburg Ave, Modesto
When: 3rd Wed, 7-9 PM
Interests: Amiga
Contact: Bob Dennison
(209) 668-8636

VVCIA
Meeting Place: Victor School (board room)
6th & A Sts, Victorville
When: 1st Mon & 3rd Tue
Interests: Commodore
Contact: Ronald Elliiott
(619) 245-9535

Colorado

Paint Box SIG
Meeting Place: Denver Public Library, 3570 W. 1st Ave, at Lowell Blvd.
When: 2nd Mon, 7 PM
Interests: Amiga Graphics, Animation and CAD
Contact: Lisa Lewis
(303) 777-3664
Mailing address:
Rocky Mountain Amiga Users/SIG
P.O. Box 280403
Lakewood, CO 80228

Rocky Mountain Amiga Users
RAMU
Meeting Place: Denver Public Library, 3570 W. 1st Ave, at Lowell Blvd.
When: 4th Tues, 7 PM
Interests: All aspects of Amigas
Contact: Lisa Lewis
(303) 777-3664
Mailing address:
Rocky Mountain Amiga Users
P.O. Box 280483
Lakewood, CO 80228

The Commodore Club of Colorado Springs
Meeting Place: TJ-Maxx Center, 3949 Palmer Park Blvd.
When: 4th Mon, 7 PM
Interests: Amiga/Commodore
Contact: Bill Jones
(719) 590-7854 home
(719) 630-7478 work
(719) 520-1887 BBS
Mailing address:
P.O. Box 25851
Colorado Springs, CO 80936

Wes CAUG
Meeting Place: Community Hospital Grand Junction
When: 1st Sat, 10 AM
Interests: Amiga
Contact: Rober Payne
(303) 245-0054

Connecticut

Amiga Users Group of SE Conn
Meeting Place: One Byte
Rte 32 Uncasville
When: 3rd Mon, 7 PM
Interests: Amiga
Contact: James Malloy
(203) 536-6642 after 12:00 noon

Capital Region
Meeting Place: Vernon Police Station
Vernon
When: 2nd Tues, 7:30-10:30 PM
Interests: Amiga/Commodore
Contact: Cheryl Arzt
(203) 872-3320

Fairfield County Amiga Users Group
F.C.A.U.G.
Meeting Place: Danbury Hospital Health Education Auditorium
Danbury, CT
When: 2nd Sat, 6:00 PM
Interests: Amiga
Contact: Kevin Brook
(203) 743-1304
(203) 438-4721 BBS: The Dark Side
Mailing address:
57 North Street
Ste. 315
Danbury, CT 06810

HAUG
Meeting Place: Aetna Institute
Hartford
When: 3rd Thur, 7 PM
Interests: Amiga
Contact: Bill Bernhart
(203) 633-4427

Hartford County Commodore Users
Meeting Place: East Hartford Library, Lions Room East, Hartford
When: 4th Tue, 7 PM
Interests: Commodore
Contact: Franklin Bouchard

Millstone Users Group 64/128
Meeting Place: Millstone Training Center , Waterford
When: No set date/time as needed.
Interests: Amiga/ Commodore
Contact: John Bittner
(203) 357-8368

NLCCUG
Meeting Place: Montville VFW Uncasville
When: 1st & 3rd Thur, 7-9 PM
Interests: Amiga/Commodore
Contact: Charlie Kappelman
203-848-4044
203-848-1986 BBS

New Haven Amiga-Team Users Group
Meeting Place: Yale School of Medicine, Beaumont Room,
Sterling Hall, Cedar Street
When: 2nd Thurs, 7 PM
Interests: Amiga
Contact: Bart Santello
(203) 488-9679
(203) 776-8243 BBS
Mailing address:
P.O. Box 733
Branford, CT 06405-0733

Delaware

Amiga Network
Meeting Place: University of Delaware
When: 1st Sun, 7-9:30 PM
Interests: Amiga
Contact: William Kelly
(302) 323-2962
(302) 368-1604 BBS
Mailing address:
Amiga Network
P.O. Box 5940
Newark, DE 19714-5940

Florida

AFLOAT
Meeting Place: Citrus County Armory Crystal River
When: 2nd Mon
Interests: Amiga/Commodore
Contact: Richard Briggs

Amiga Computer Enthusiasts
ACEs
Meeting Place: Palm Beach Post, 2751 S. Dixie Highway, W. Palm Becah, FL
When: 2nd Mon, 7 PM
Interests: Amiga and video
Contact: Daniel R. Henderson
(407) 243-3891
Mailing address:
2205 SW 22 Ave, #102
Delray Beach, FL 33445-7702

C.R.U.G.
Meeting Place: Florida Power Corp. Crystal River
When: 1st Mon.
Interests: Amiga/Commodore
Contact: Richard Briggs

Central Florida Amiga Club
CFAC
Meeting Place: Seminole County Library
215 Oxford Rd. Casselberry, FL
When: Tues. or Thrus., 7 PM
Interests: Amiga
Contact: Will Campbell
(407) 644-3853
(407) 366-8735 BBS
Mailing address:
726 Carlson Dr.
Orlando, FL 32804

Clearwater Commodore Club Inc.
When: 1st & 3rd Wed, 7 PM
Interests: Amiga/Commodore
Contact: Robert Hronec
(813) 796-0510
Mailing address:
601 S. Welcher St.
Clearwater, FL 34616

Commodore Club of Jacksonville
Meeting Place: Regency Library, Mandarin Library,
DuPont Middle School
When: 1st Sat, 10 AM-1 PM; 2rd Sat, 1-4 PM; 2nd Tues, 7 PM.
Interests: Amiga/Commodore
Contact: Arvid Nelson
(904) 272-5244 Voice
(904) 744-5111 BBS
Mailing address:
141 Mango Ct.
Middleburg, FL 32068

Daytona Beach Amiga Computers Enthusiasts
DBACE
Meeting Place: Daytona Beach Shores Community Center
When: 1st Thurs, 7 PM
Mailing address:
P.O. Box 10402
Daytona Beach, FL 32120

Fort Walton Beach Commodore UG
Meeting Place: Choctawhatchee High School Racetrack Rd. Ft. Walton Beach
When: 1st Tue/Thur 7 PM
Interests: Amiga/Commodore
Contact: Joe Majors
(904) 863-2845 between 6-8
Mailing address:
1205 Thomoson Drive
Fort Walton Beach, FL 32547

Miami Amigos
MAUG
Meeting Place: Dade Co. Computer Training Center
13135 S.W. 26th St, Miami
When: 3rd Sat, 10-1PM
Interests: Amiga
Contact: John Gamache
(305) 554-9332 BBS
Mailing address:
c/o John Gamache
P.O. Box 16-2306
Miami, FL 33116

User's Groups

Safe Hex International
Interests: Virus Protection
Contact: Jim Maciorowski
(813) 847-6586
(813) 849-4034 BBS
Mailing address:
P.O. Box 724
Port Richey, FL 34673

Space Coast Amiga Users Group
SAMUG
Meeting Place: Merritt Island Library, 1195 North Courtney Parkway
When: 3rd Wed, 7 PM
Interests: Amiga
Contact: John Vining
(407) 636-7605
(407) 633-7345 BBS, 8N1, 2400 baud
Mailing address:
P.O. Box 542098
Merritt Island, FL 32953

Tampa Bay Amiga Group
TBAG
Meeting Place: Jefferson High School, 4401 West Cypress St. Tampa
When: 1st & 3rd Wed, 7 PM
Interests: All aspects of Commodore Amiga personal computer
Contact: Jim Frinak, President
(813) 684-6006 (home)
(813) 229-5176 (work)
(813) 889-9467 (Public BBS)
Mailing address:
The Tampa Bay Amiga Group
P.O. Box 2717
Tampa, FL 33601-2717

The Suncoast Amiga Club
TSUNAMI
Meeting Place: Largo Community Center, Pinellas County
Corner of 6th St and 1st Ave SW
When: 2nd Tues & 4th Tues
Interests: Amiga
Contact: Harvey Warwick
(813) 896-9893
Mailing address:
P.O. Box 1311
Largo, FL 34649-1311

Titusville Commodore Club
Meeting Place: Brevard Community College, Titusville
When: 2nd & 4th Wed, 7 PM
Interests: Amiga/Commodore
Contact: Robert Murray

Georiga

Amiga Atlanta, Inc.
AAi
When: 1st Tues.
Interests: Amiga
Contact: John Lotshaw
(404) 447-1340
(404) 962-8789 BBS
Mailing address:
P.O. Box 49103
Atlanta, GA 30359

Amiga International Georgia
AM-I-GA
When: 3rd Sat.
Interests: Amiga
Contact: Gary Evans
(404) 578-8625
Mailing address:
3992 Plantation Drive
Marietta, GA 30062

Amiga User's Klub
AUK
Meeting Place: Britt David Cultural Arts Center, W. Britt David Rd. and Armour
When: 1st MON, 7PM
Interests: Amiga
Contact: Bob Hovey
Mailing address:
c/o Bob Hovey, President
4105 Windtree Lane
Columbus, GA 31907

Hawaii

Amiga Hawaii Users Group
AHUG
When: 1st & 3rd Wed., 7:30 pm
Interests: Amiga/newsletter
Contact: Roy Nielson
(808) 422-5105 6-9 pm
Mailing address:
Roy Neilson
7149F Melia Ct.
Honolulu, HI 96818

Iowa

C-5 Capital Complex
Meeting Place: Grimes State Office Bldg East 11th & Gray, DesMoines
When: 2nd Tue, 7 PM
Interests: Amiga/Commodore
Contact: Larry Eamer
(515) 263-8104

COUGAR
Meeting Place: Midland Financial
525 Main St, Ames
When: 1st Sun (except holidays-2nd Sun), 2-4 PM
Interests: Commodore
Contact: Steve Huffman
(515) 432-4006 evenings

Commo-Hawk Commodore Users Group
CHCUG
Meeting Place: First Trust & Savings
1820 1st Ave. NE, Cedar Rapids
When: 2nd Tues, 7PM (Amiga) 4th Sun, C-64 SIG
Interests: Amiga, Commodore
Contact: Linda Bloedel
(319) 366-2347
(319) 396-0446 BBS
Mailing address:
P.O. Box 2724
Cedar Rapids, IA 52406-2724

Des Moines Area Amiga Users Group
DMMAUG
Meeting Place: Christ Church, Ashworth and 74th Streets, Des Moines
When: Last Tue, 7:30 PM
Interests: Amiga
Contact: Arthur Szczygielski
(515) 266-5098
(515) 266-1012 BBS
Mailing address:
4295 NE 32 Street
Des Moines, IA 50317

Northeast Iowa Amiga UG
Meeting Place: Red Cross Bldg
2530 University Ave, Waterloo
When: 3rd Sun, 5 PM
Interests: Amiga
Contact: Mary Jensen
(319) 277-3758

Quad Cities Commodore Computer Club
Meeting Place: Scott Community College, Student Life Center, Rm. 234
Belmont Road, Bettendorf
When: 3rd Tues, 7 PM
Interests: Commodore
Mailing address:
P.O. Box 3994
Davenport, IA 52808

Tri-State Commodore UG
Meeting Place: State Bank Bldg
Hwy 151, Kieler
When: 2nd & 4th Mon, 7 PM
Interests: Commodore
Contact: Wayne Holt
(319) 582-4702

Idaho

AUSI
Meeting Place: Kopper Kitchen Conference Center, Boise
When: 3rd Thur, 7:30 PM
Interests: Amiga
Contact: Edwin Apel
(208) 376-1500

Banana Belt Commodore UG
Meeting Place: Lewis-Clark State College M.L.H. 13D, Lewiston
When: 2nd Fri, 7:30 PM
Interests: Commodore
Contact: Harold Riggle
(208) 758-3209

Treasure Valley/Boise UG
Meeting Place: Plantation Round Table Pizza, Boise
When: 1st Thur, 7 PM (Library); 3rd Wed, 7:30 PM
Interests: Commodore
Contact: Douglas Parsons
(208) 375-4672

Illinois

Amiga CAD Sig
Meeting Place: 17515 East Johnson Union, IL
When: Last Tues, 7 PM
Interests: CAD on the Amiga
Contact: Don Strauss
(815) 923-2401
Mailing address:
17515 East Johnson
Union, IL 60180

Amiga Computer Enthusiasts
A.C.E.
Meeting Place: Percy Hopkins Auditorium
Christ Hospital, Oak Lawn
When: 1st Thur, 7:30 PM
Interests: Amiga/Commodore
Contact: Ralph G. Munroe, Jr
Mailing address:
c/o Ralph G. Munroe, Jr
359 Miami Street
Park Forest, IL 60466-1930

Amiga Computer Enthusiasts of Springfield
ACES
Meeting Place: Lincoln Library, 7th and Capital Streets
When: 1st Tue, 7 PM
Interests: Amiga
Contact: Wally Hartshorn, President
(217) 546-4314
(217) 529-8440 BBS—Data Drum
Mailing address:
360 S. Durkin Drive
Springfield, IL 62704

CCR
Meeting Place: Rockford College Star Science Bldg Rockford
When: Thur one month, 7:30-9:30; Sat next month, 9-12 AM
Interests: Amiga/Commodore
Contact: Mike Hoss

Champaign-Urbana Commodore Users Group
CUCUG
Meeting Place: Bresnan Meeting Center,706 Kenwood Road
Champaign
When: 3rd Thur, 7 PM
Interests: Amiga/Commodore
Contact: Kevin Hisel
(217) 352-1002
(217) 356-8056 BBS
Mailing address:
P.O. Box 716
Champaign, IL 61824-0716

Computers West
Meeting Place: College of DuPage Glen Ellyn
When: 2nd Fri, 7:30 PM
Interests: Amiga/Commodore
Contact: Alan Chumley

DeBartolo Users Group
Meeting Place: Debartolo Mission and School, 410 S. Michigan, Room 613
Chicago
When: 2nd Sat, 2:00 PM
Interests: Commodore/Amiga software
Contact: Otis Williams
(312) 846-4329
Mailing address:
Otis Williams
7555 S. Hermitage Street
Chicago, IL 60620

E. Peoria
Meeting Place: WAW Union Hall
E. Peoria
When: 3rd Sat, 4-6:30 PM
Interests: Amiga/Commodore
Contact: David McMillian
(309) 745-8455

Fox Valley Amuse
Meeting Place: St. Charles Savings
Corner of Rte. 38 & Randall Road
When: 2nd Mon, 7-10 PM
Interests: Amiga
Contact: Robert Woell
(708) 759-1590
Mailing address:
P.O. Box 4125
Aurora, Il 60507-4125

JACUG
Meeting Place: First Christian Church
508 W. Vandalia, Jacksonville
When: 7 PM
Interests: Amiga/Commodore
Contact: Greg Simpson
(217) 882-5481

Lake County Amiga User's Group
Meeting Place: Public Library in Libertyville
When: 3rd Thurs
Interests: Amiga
Contact: Phil Martinez, Doug Miller
Mailing address:
4503 Lathrop Drive
Woodstock, IL 60098

Metropolitan Amiga Computer Euthusiasts
M.A.C.E.
Meeting Place: Woodfield Exec. Bldg/ Suburban National Bank, 1051 Perimeter Dr, Schaumburg
(across from Woodfield Mall), Ray College of Design, 8th floor, NE corner
When: 2nd Wed, 7-9:45 PM
Interests: Amiga only
Contact: Tom Grayczyk, President
(708) 398-0903
Mailing address:
1115 E. Saint James Street
Arlington Heights, IL 60004

Niles Amiga Resource Committee
NARC
Meeting Place: Our Lady of Ransom Ministry
When: 3rd Mon, 7:30-10:30 PM
Interests: Amiga
Contact: Michael Crisci or Marv Bero
(708) 966-3916
(708) 824-5888
(708) 634-2828 GraphiCon BBS
Mailing address:
c/o Niles Library Computer Lab
6960 Oakton Street
Niles, IL 60714-3098

SPUG
Meeting Place: Lincoln Land Community College, Logan Hall
When: 3rd Fri, 7-10
Interests: Amiga, Commodore, MS-DOS
Contact: Don Walker
(217) 789-7544
(217) 789-6644 BBS
Mailing address:
P.O. Box 9035
Springfield, IL 62791

Springfield's Premier User Group
SPUGtown
When: 3rd Fri
Interests: Amiga, 64/128, IBM
Contact: Robert Ley
(217) 498-7500
Mailing address:
SPUG President
R.R. 2 Box 8
Rochester, IL 62563

WIPUG
Meeting Place: Quintron (cafeteria) Quincy
When: 3rd Thur, 7-9 PM
Interests: Amiga/Commodore/MS-DOS
Contact: Edward Mills
(217) 656-3671

Indiana

A.C.E. Amiga Commodore 64/128 Enthusiasts
A.C.E.
Meeting Place: Eastland Mall
When: 1st Mon, 7-9 PM
Mailing address:
A.C.E.
P.O. Box 8080
Evansville, IN 47717-8080

Amiga Users of Michiana
Meeting Place: Valley American Bank, Town & Country Shopping Center, Meeting Room
When: 1st Wed, 7:30 PM
Interests: Amiga
Contact: Craig Norborg, Pres.
(219) 287-3344
Mailing address:
2609 Mishawaka Ave.
South Bend, IN 46615

Bloomington Amiga Users Group
BAUG
Meeting Place: Technology Service Corp., 116 W. 6th St., Bloomington
When: 2nd Wed, 7 PM
Interests: Amiga
Contact: James Marusek
(812) 384-4629
Mailing address:
James Marusek
RR4, Box 920A
Bloomfield, IN 47424

Commodore Users of Noblesville
Meeting Place: Carmel Public Library Carmel
When: 1st Wed, 7 PM
Interests: Amiga/Commodore
Contact: David Anderson
(317) 844-2093

Indianapolis Computer Club Inc.
Meeting Place: 7&8 Christian Church 2916 W. 30th St, Indianapolis
When: 2nd Tue
Interests: Commodore/MS-DOS
Contact: John Fiega
(317) 353-2110

Logansport Commodore Club
Meeting Place: Girl Scout Camp
303 E. Clay Logansport
When: 3rd Wed, 7 PM
Interests: Amiga/Commodore
(219) 223-4542

Richmond Area Computer UG
Meeting Place: Richmond City Bldg (community room) Richmond
When: 1st Mon even months/2nd Mon odd months, 7-9 PM
Interests: Amiga/Commodore
Contact: Dudley Fetzer
(317) 966-9169

Rochester Commodore Comp Club
Meeting Place: Rochester Public Library Rochester
When: 2nd Sat, 1 PM
Interests: Commodore
Contact: Dan Zellers
(219) 223-4542

Kansas

Atchison Commodore UG
Meeting Place: Atchison Public LIbrary
401 Kansas Ave Atchison
When: 2nd Tue, 7 PM
Interests: Amiga/Commodore

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Last Minute Additions

Contact: Larry Gilbert
(913) 367-2419

Commodore and Amiga Users Group of Wichita
CAUG-W
Meeting Place: Crown Bingo
600 S. Tyler Ste. 220, Wichita, KS
When: 1st Sat, 1:00 pm
Interests: Amiga
Contact: Randy Wing
(316) 526-9987
Mailing address:
CAUG-W
P.O. Box 593
Wichita, KS 67201

Topeka Commodore Computer UG
Meeting Place: National Guard Armory
28th & Topeka Ave, Topeka
When: Last Tue, 7-9 PM
Interests: Amiga/Commodore
Contact: James Wilson
(913) 235-8452

Kentucky

Christian County Commodore Club
Meeting Place: Second Baptist Church, Education Bldg Hopkinsville
When: Last Thur, 7 PM
Interests: Amiga/Commodore
Contact: Terry Fugua
(502) 886-6621

Glasgow Commodore UG
Meeting Place: Farmer Rec. Bldg
504 S. Lewis St, Glasgow
When: 1st &3rd Mon, 6:30 PM
Interests: Amiga/Commodore
Contact: Larry Stell

MCCUG
Meeting Place: Harbin Memorial Library Greensville
When: 3rd Thur, 7 PM
Interests: Amiga/Commodore
Contact: Stanley FLeming
(502) 338-3053

Louisiana

Ark-La-Tex Commodore Club
Meeting Place: John Calvin Pres. Church
3030 Colquitt Rd, Shreveport
When: 1st & 3rd Wed, 7 PM
Interests: Amiga/Commodore
Contact: Bill Walker
(318) 636-3611

BRACE
Meeting Place: Cortana Mall (Cortana Room) Baton Rouge
When: 1st Tue, 7 PM
Interests: Amiga/Commodore
Contact: Roland Caarson
(504) 925-9532

L.A.U.G.
Meeting Place: Lafayette City Hall
705 W. University Ave, Lafayette
When: 3rd Fri, 7:30-11 PM
Interests: Amiga
Contact: Clifton Bonhomme
(318) 232-9866

New Orleans Commodore Klub Amiga Group
NOCK
Meeting Place: Library of Ben Franklin High School, 2001 Leon C. Simon Drive, UNO Campus
Parking on West side of school only
When: 2nd Sat, 3 PM
Interests: Amiga/Commodore
Contact: Mike Simoneaux
(504) 394-7025
Mailing address:
P.O. Box 8307
Metairie, LA 70011-8307

Page User's Group
Meeting Place: Metro Mall Community Room Alexandria
When: 2nd Sat, 10 AM; 3rd Wed, 7 PM
Interests: Amiga/Commodore/MS-DOS
Contact: S.C. Miller
(318) 473-8611

Sixty Four UM
Meeting Place: Jefferson Parish Library Metairie Road, Metairie
When: 2nd Mon, 6-10 PM
Interests: Commodore
Contact: Gene Earl
(504) 861-2893

St. Tammany Amiga Fanatics
STAF
Meeting Place: Faith Bible Church
When: 3rd Thurs, 7-10 PM
Interests: Amiga
Contact: Don Talbot
(504) 641-5428
Mailing address:
P.O. Box 928
Slidell, LA 70460-0928

Massachusetts

Amiga Users of Southeastern Mass.
AUSM
Meeting Place: Tremblay Bus Co., 284 Myrtle Street New Bedford, MA
When: 1st Tues
Interests: Amiga
Contact: Dave Pare, President
(508) 992-3601
(508) 997-4666 BBS
Mailing address:
AUSM
P.O. Box 50856
New Bedford, MA 02745

Boston Computer Society
BCS
Meeting Place: MIT Building E51 Cambridge
When: 3rd Tues, 7:00 PM
Interests: Amiga
(617) 252-0600 BCS office
(617) 729-7341 BBS,8N1,v.32 + HST
Mailing address:
One Kendall Square
Cambridge, MA 02139

Fall River Commodore Club
Meeting Place: B.C.C.
Elsbree Street Campus
When: 2nd Mon, 6:30 PM
Interests: Amiga/Commodore
Contact: Pauline Greenough, Peter Banville
(508) 675-6584
(508) 677-4535 BBS
Mailing address:
P.O. Box 2664
Fall River, MA 02722

Northern Berkshire Amiga Club, The
Meeting Place: North Adams State College Library Church Street North Adams
When: Last Fri, 6 PM
Interests: Amiga
Contact: Adrian Sebborn
(413) 664-4511 ext. 516
(413) 445-7310 BBS
Mailing address:
Adrian Sebborn
N Adams State College, Church Street
North Adams, MA 01247

Pioneer Valley Commodore Club
Meeting Place: W. Mass Electric Bldg Brush Hill Rd, Springfield
When: 3rd Thur, 7:30 PM
Interests: Amiga/Commodore/MS-DOS
Contact: Marvin Yale
(413) 562-1027
(413) 568-4466 BBS

S.N.H.A.U.G.
Meeting Place: West Manchester Public Library Manchester
When: 3rd Sat, 12-4:30 PM
Interests: Amiga
Contact: Dave Nye
(508) 897-6765
(603) 669-6719

The Boston Computer Society
Meeting Place: Department of Transportation
55 Broadway, Cambridge
When: 3rd Tue, 7 PM
Contact: Alan Hoyland
(617) 438-9164

WCAUG
Meeting Place: S Works VFW Post, Ballard St. Worcester
When: 2nd Wed, 7:30 PM
Interests: Amiga
Contact: Don Carlson
(508) 835-2453

Maryland

A.B.C.U.G.
Meeting Place: North County Library, Glen Burnie
When: 4th Tues, 7 PM
Interests: Amiga/Commodore
Contact: Joe Korczynski
(301) 760-9764
Mailing address:
P.O. Box 179
Glen Burnie, MD 21061-0179

Another Amiga Group
Meeting Place: Provinces Branch, Arundel County Library
Odenton
When: 2nd Mon

BAUD
Meeting Place: Public Library
Loch Raven Blvd & Taylor Ave, Baltimore
When: 1st Sat, 1 PM
Interests: Amiga
Contact: Ed Hopper
(301) 467-1034

CUM-BACC
Meeting Place: Meetings are held at members' homes, Lutherville
When: 3rd Sun, 1-5 PM
Interests: Amiga
Contact: Richard Williams
(301) 296-4414

NOBUG 64/128
Meeting Place: Calvary Lutheran Church Baltimore
When: 3rd Mon, 7:30 PM
Interests: Commodore
Contact: Solis James
(301) 325-2083

Rockvillle Commodore UG
Meeting Place: Twinbrook Library Rockville
When: 3rd Thur, 7:30 PM
Interests: Commodore
Contact: Cy Fellerman
(301) 493-8661

SMAUG
Meeting Place: Varies Huntingtown
When: 1st Tues, 7-9 PM
Interests: Amiga
Contact: Vicki Harmon
(301) 535-3842

The Amiga Group
TAG
Meeting Place: Long Branch Library Silver Spring
When: 1st Mon, 7 PM
Interests: Amiga
Contact: Ted Jump, President
(301) 596-1491 BBS
Mailing address:
P.O. Box 1172
Columbia, MD 21044-0172

Maine

Amiga Users of Southern Maine
Meeting Place: Fleet Bank Cumberland Street, Westbrook
When: 1st Fri, 6:30 PM
Interests: Amiga/Commodore
Contact: Joe Beecher
(207) 865-3004 BBS

Kennebunk Southern Maine Commodore UG
Meeting Place: Kennebunk Town Hall 1 Summer St, Kennebunk
When: 2nd Thur, 7 PM
Interests: Amiga/Commodore
Contact: Richard Lembree
(207) 967-3381

PACE
Meeting Place: Varies- please call
Interests: Amiga
Contact: Michael Weinberg
(207) 338-3066

Southern Maine Commodore UG
Meeting Place: Portland Public Library, 5 Monument Sq.
Univ. of Maine Saco Campus, Saco Island, Saco
When: 2nd Sat, 12:30 PM
Interests: Amiga/Commodore
Contact: Richard Lembree
(207) 967-3381
(207) 967-3719 BBS
Mailing address:
P.O. Box 416
Scarborough, ME 04070-0416

Michigan

3D World SIG
Interests: 3-D animation - Amiga
Contact: Dale K. Myers
(313) 525-3203
Mailing address:
Dale K. Myers
9602 Hartel
Livonia, MI 48150

Amiga Mutual Interest Group
AMIG
Meeting Place: Capitol Federal Savings Bank basement
250 E. Saginaw, East Lansing
When: 3rd Sun, 7-9 PM
Interests: Amiga/Commodore
Mailing address:
P.O. Box 4664
East Lansing, MI 48826-4664

Downriver Commodore Group
Meeting Place: Taylor Community Library, Taylor
When: 1st & 3rd Wed, 8 PM
Interests: Amiga
Contact: Dino Costantino
(313) 277-0114
(313) 386-1565

Jackson Commodore Computer Club
Meeting Place: 2214 E. Ganson Jackson
When: Last Thur, 7:30 PM
Interests: Amiga/Commodore
Contact: Tony Bengel
(517) 782-6753

Kalamazoo Valley Home UG
Meeting Place: KVCC, Room 1040
When: 2nd Thur, 7:30 PM
Interests: Commodore
Contact: Donald Campbell
(616) 345-7039

Michigan Commodore UG
Meeting Place: Warren-Woods Middle 13400 Twelve Mile Rd, Warren
When: 3rd Thur, 7-9 PM
Interests: Amiga/Commodore/MS-DOS
Contact: Art Ferrazutti

Midland Computer Club
Meeting Place: Grace A Dow Library, Corner of St. Andrews and Eastman Rd.
When: 4th Mon, 7 PM
Interests: Amiga/Commodore
Contact: Rick Rosinski
(517) 631-7162
Mailing address:
P.O. Box 132
Midland, MI 48640-0132

Saginaw Area Commodore User's Group - SACUG
Meeting Place: Zauel Memorial Library 3100 N. Center Rd, Saginaw Twp.
When: 3rd Tues, 7 PM
Interests: Amiga, 128, 64
Contact: John Lehtinen
(517) 695-5974
Mailing address:
P.O. Box 2393
Saginaw, MI 48605

Toaster Users Group of Southeastern Michigan
TUGSM
Contact: Michael A. Greer
(313) 355-5916
Mailing address:
26752 E. Carnegie Park Drive
Southefield, MI 48034

Minnesota

Amiga of Minnesota Interest Groups Alliance
A.M.I.G.A.
Meeting Place: Crystal Community Center, 48th and Douglas Drive
When: 4th Thur, 6:30-9:00 PM
Interests: Amiga/Commodore
Contact: Steve Gonnella
(612) 533-8494
(800) 227-2983 BIX
(612) 895-0117 BBS
Mailing address:
P.O. Box 32374
Fridley, MN 55432

Minnesota Commodore UG
Meeting Place: Park Center High School Brooklyn Park
When: 3rd Wed, 7 PM
Interests: Amiga/Commodore
Contact: Loren Lovhaug
(612) 588-3078

Twin Ports Area Amiga Users Group
Meeting Place: UMD Room MWAH 176 Duluth
When: 2nd Tue, 7 PM
Interests: Amiga
Contact: Kenji Ogura
(218) 722-2641

Missouri

Columbia Commodore User
Meeting Place: Columbia Mall (meeting room) Columbia
When: 2nd Thur, 6:30-9 PM
Interests: Amiga/Commodore
Contact: Harold Lawson
(314) 474-2303

Commodore UG of Springfield
Meeting Place: VFW Post 3403
1136 E. Atlantic, Springfield
When: 2nd Sat, 10 AM
Interests: Commodore
Contact: Bill Patrick
(417) 882-3866

Gateway Amiga Club Inc.
Meeting Place: Washington Univ Med School aud., 4566 Scott Street, St Louis Prairie Commons Branch Library, 915 Utz Lane, Hazelwood
When: 1st and 3rd Wed, 7:30 PM
Interests: Amiga
Contact: Bob Scharp
(314) 739-5181 (Recorder On Line)
(314) 423-5733 BBS (8N1)
(14.4 K baud)
Mailing address:
P.O. Box 811
Bridgeton, MO 63044

Joplin Commodore Computers UG
Meeting Place: 422 S. Florida Ave Joplin
When: 3rd Sat, 7:30 PM
Interests: Amiga/Commodore
Contact: Dale Connley
(417) 624-5259

Ozarks Amiga Comp Enthusiasts
Meeting Place: Springfield Public Library-Kickapoo Prairie Branch Springfield
When: 4th Sat, 9:30-Noon
Interests: Amiga
Contact: Steve Languth
(417) 882-5995

âmiga Users Group of Kansas City Inc.
Meeting Place: Baptist Medical Center
6601 Rockhill Rd Kansas City
When: 3rd Mon, 7 PM
Interests: Amiga
Contact: Mike or Robin Thompson
(816) 444-3711
(816) 322-5803 BBS
Mailing address:
9014 Central
Kansas City, MO 64114

Mississippi

Coastline Commodore Comp Club
Meeting Place: American Legion Hall
201 Lamuese, Biloxi
When: 1st Sat, 9:30 AM
Interests: Amiga/Commodore/MS-DOS
Contact: William K. Hubler
(601) 374-2582

Jackson Commodore UG
Meeting Place: Computer Services Jackson
When: 3rd Thur, 7 PM
Interests: Amiga/Commodore
Contact: Daniel Myers
(601) 352-0707

Montana

Missoula Commodore UG
Meeting Place: Montana Power Bldg Missoula
When: 1st Thur, 7 PM
Interests: Amiga/Commodore
Contact: Becky Maier
(406) 626-4730

North Carolina

Fayetteville Amiga Computer Enthusiasts
F.A.C.E.
Meeting Place: Catholic Social Ministries, 111 Boone Trail
Fayetteville
When: 2nd Sat, 10 AM
Interests: Amiga
Contact: SYSOP John Waters
(919) 630-1572 BBS
HCC II, 1200-14,400 bps
HST/V.32bis, FidoNet 1:3634/10.0
Mailing address:
P.O. Box 48769
Cumberland, NC 28331-8769

Triangle Amiga Users
Meeting Place: Arts Center, 300 Main St
When: Last Sunday, 6:30 PM
Interests: Amiga
Contact: Steve Ayscue, Don Nelson
(919) 477-1067
(919) 942-2764
Mailing address:
c/o Robin LaPasha
1927 Faucette Ave
Durham, NC 27704

Wilmington Commodore UG
Meeting Place: Cape Fear Community College Wilmington
When: 2nd Tue, 7 PM
Interests: Amiga/Commodre
Contact: Wade Harris

North Dakota

C.D.C.C.
Meeting Place: First Federal Bank Bldg Bismarck
When: 2nd Thur, 7:30 PM
Interests: Amiga/Commodore
Contact: Troy Tausend

Fargo Moorhead Amiga UG
Meeting Place: 610 Main Ave. Fargo
When: 3rd Wed, 6:30 PM
Interests: Amiga
Contact: John Steiner
(701) 282-0293

Nebraska

Amiga Users of the Heartland, Inc.
Meeting Place: Aksarben, east side, upper level, Omaha
When: 3rd Tue, 7:00PM
Interests: Amiga
Contact: Larry Zwart
(402) 571-1393
Mailing address:
P.O. Box 1432 DTS
Omaha, NE 68101-1432

MCUG
Meeting Place: McCook Public Library (basement), McCook
When: 3rd Sun (Sept-May), 6 PM
Interests: Amiga/Commodore
Contact: Dave Matthews
(308) 345-5884

New Hampshire

Commodore Users Group
Meeting Place: Bow Memorial School
When: 1st Mon, 7 PM
Interests: Amiga/Commodore
Contact: Albert Couture
(603) 669-2439

Seacoast Area Amiga Users Group
SAAUG
Meeting Place: Digital Connections Computers Dover Point Office Park
When: 3rd Sun, 2:00-5:00PM
Interests: Amiga
Contact: Steve Endsley
(603) 743-3385 BBS
1200-19,200 baud (USR HST v.32)
Mailing address:
44H Dover Point Office Park
Dover, NH 03820

New Jersey

AMOS NTSC Club
Interests: AMOS newsletter, library
Contact: Martin Robaszewski
(201) 217-4190 BBS 1200/2400
Mailing address:
P.O. Box 761
Pine Brook, NJ 07058

Amiga Users Group of South Jersey
Meeting Place: Edgewood Jr. High School Atco, NJ
When: 1st. & 3rd, Mon., 7:00 PM
Interests: Amiga, Graphics SIG
Contact: George Rhodes
(609) 228-5493
(609) 227-8278 BBS
Mailing address:
P.O. Box 602
Mt. Laurel, NJ 08054

Amiga Users' Group of New Jersey
Meeting Place: Rutger's University
When: 3rd Thur, 7 PM
Interests: Amiga
Contact: Jay Forman
(609) 667-2526

Cebug
Meeting Place: East Brunswick Library
When: 1st Thur, 7 PM
Interests: Commodore
Contact: Dave Pollak
(201) 390-6767

Eastern North Jersey Amiga User Group
ENJA
Meeting Place: American Legion Hall
180 Union Blvd, Totowa
When: 1st Wed, 7:30 PM
Interests: Amiga
Contact: Steve Redington
(201) 785-6155
(201) 256-0691 BBS
Mailing address:
ENJA
P.O. Box 2314
West Paterson, NJ 07424

Jersey Amiga Users Group
JAUG
Contact: Eric Lavitsky
(201) 560-0106
Mailing address:
P.O. Box 1986
New Brunswick, NJ 08901

M.A.C.U.G.
Meeting Place: Parsippany Public Library Parsippany Rd,
When: 3rd Wesd, 7:30 PM
Interests: Amiga/Commodore
Contact: Brian Keveney
(201) 628-1233

The Amiga VideoGraphic Society
Meeting Place: 32 Duncan Dr. Morganville, NJ
When: 2nd Fri, 7:30pm
Interests: Toaster, Video, Graphics
Contact: Roger Elowitz
(908) 536-4786
(908) 294-9397 FAX
Mailing address:
32 Duncan Dr.
Morganville, NJ 07751-1649

New Mexico

Aviation & Computer Enthusiasts
Meeting Place: Call for day & time
2009 Camelot Dr, Las Cruces
Interests: Amiga/Commodore/MS-DOS
Contact: Carl Bogardus
(505) 526-5645

CUGOR
Meeting Place: Roswell Adult Center
807 N Missouri, Roswell
When: 1st & 3rd Wed, 7 PM
Interests: Commodore
Contact: Ralph Knight
(505) 622-9250

Deming Commodore UG
Meeting Place: 1400 Mallery, Deming
When: 1st & 3rd Tue, 7:30 PM
Interests: Commodore
Contact: Robert Sandoval
(505) 546-3351

New Mexico Amiga Users Society
NewMAUS
Meeting Place: Room 2402, University of New Mexico Law School
When: General: 2nd Thur and 4th Sat
Technical: 2nd Sat and 4th Thur
Interests: Amiga/Commodore
Contact: Jim Fauci
(505) 836-1913
Mailing address:
P.O. Box 91556
Albuquerque, NM 97199
Rio Grand Valley Amiga UG
Meeting Place: Jacobs Hall NMSU, Room 129 Las Cruces
When: 1st Thur, 7 PM
Interests: Amiga
Contact: Marilyn Martin
(505) 646-1840

Nevada

Southern Nevada Amiga Group
S.N.A.G
Meeting Place: Nevada Power Bldg, 1973 N. Nellis, Blvd, Ste. 224
Las Vegas, 89115
When: Every other Sat, 10 AM
Interests: Amiga
Contact: Eric Douglas
(702) 656-8782
(702) 594-7047 Voice Hot Line
(702) 566-6222 BBS
Mailing address:
S.N.A.G
1973 N. Nellis Blvd.
Las Vegas, NV 89115

New York

ACAC
Meeting Place: Deerfield Windsor School Lower Campus
1733 Beattie Rd, Albany
When: 2nd & 4th Tues, 7:30 PM
Interests: Amiga/Commodore
Contact: Carlos Villavicencio III
(518) 439-1322 after 5 pm

Binghamton Amiga User Group
BAUG
Meeting Place: Union Baptist Church, Liberty Ave. Endicott, NY
When: 2nd Wed
Interests: Amiga
Contact: Gary B. Lee
(607) 754-0624 (after 4 PM EST)
Mailing address:
332 Clifford Dr.
Vestal, NY 13850-1010

C.D.A.U.G.
Meeting Place: The Computer Cellar, Westgate Shopping Mall, Albany
When: 3rd Thur, 6:30 PM
Interests: Amiga
Contact: Carmen Artino
(518) 783-1784

CAST
Meeting Place: 138-10 Franklin Ave, Flushing
When: last Sat, 12 PM
Contact: Alex Yang
(718) 767-2650
Mailing address:
150-21 7th Ave.
Whitestone, NY 11357-1208

CHIPS Amiga UG
CHIPS
Meeting Place: Thruway Lanes, 1550 Walden Ave. Cheektowaga, NY
When: 2nd and 4th Tues, 8:00 PM
Interests: General
Contact: Len Souliere or Mike Sanders
(716) 941-3233 Len
(716) 648-5521 Mike
Mailing address:
CHIPS Amiga Users Group
Box 315
Patchin, NY 14025

Central New York Amiga Aggregate
CNYAA
Meeting Place: Liverpool Public Library Liverpool (Syracuse)
When: 2nd Mon, 6:30 PM
Interests: Amiga
Contact: Dick Bauer
(315) 457-2009
(315) 454-8518 BBS
Mailing address:
4806 Royal Meadow Dr.
Liverpool, NY 13088

Columbia University Commodore-Amiga Users Groups
CUCAUG
Meeting Place: Shapiro Hall, Room 1011 Columbia University
When: Bi-Thurs, 7 PM
Interests: Amiga
Contact: Ethan Solomita

Commodore Users Group of Rochester
CUGOR
Meeting Place: Visual Studies Workshop 50 Prince Street, Rochester, NY
When: 2nd and last Wed
Interests: Amiga
Contact: John McElver
(716) 621-5908 BBS
Mailing address:
P.O. Box 23463
Rochester, NY 14692
Long Island Commodore Amigians
LICA
Meeting Place: Veterans of Foreign Wars Hall 403 Maple Avenue
When: 3rd Fri, 8 PM
Interests: Amiga/Commodore
Contact: Jeannette Salvito
(516) 499-5078

New York Amiga User Group
AMUSE
Interests: Amiga
(212) 460-8067
Mailing address:
151 First Ave., Ste. 182
New York, NY 10003

Queens Commodore Users Group
QCUG
Meeting Place: Vietnam Veterans of America,
74-01 Cypress Hills St. Glendale, NY
When: 2nd Sat, 9 AM-Noon
Interests: Amiga/Commodore 64, 128
Contact: Jack Donat
(718) 296-8286
Mailing address:
QCUG
P.O. Box 129
Queens, NY 11417

TASC II
Meeting Place: E.C. Unlimited Fulton
When: Last Fri, 7 PM
Interests: Amiga
Contact: Jean Gulliver
(315) 593-1825
Mailing address:
P.O. Box 177
Fulton, NY 13069

The Bronx Users Group
BUG
Meeting Place: 3400 Ft. Independence St, Community Room
When: 2nd Thur, 7:30-9:30PM
Interests: Amiga/Commodore
Contact: Bruce Roberts
(212) 671-7050 BBS
Mailing address:
P.O. Box 523
Bronx, NY 10475

Triple Cities Commodore Society
Meeting Place: Vestal Public Librarry
When: 1st Tue & 3rd Thur, 7 PM
Interests: Commodore
Contact: Larry Drumm
(607) 797-6117

Westchester Amiga User Grouyp
WAUG
Meeting Place: Software Link White Plains
When: 1st Thur, 7:30 PM
Interests: Amiga
Contact: Billy Winters
(914) 769-9433
Mailing address:
WAUG c/o Billy Winters
460 West Lake Dr.
Valhalla, NY 10595

Ohio

Akron Area Commodore UG
Meeting Place: Green Middle School Greensburg
When: 3rd Sat, 1 PM
Interests: Amiga/Commodore
Contact: Howard Busson
(216) 794-1953

Amiga Central Ohio Network
AmiCON
Meeting Place: Chemical Abstract Service 2540 Olentangy River Road, Columbus
When: 1st Sat, 10 AM; 3rd Wed, 7 PM
Interests: Amiga
Contact: Chuck Cave
(614) 436-0617
(614) 263-3009 BBS
Mailing address:
P.O. Box 18311
Columbus, OH 43218

Amiga UG #432
Meeting Place: Red Cross Building 266 W. Wood St, Youngstown
When: 2nd Sat, 2 PM
Interests: Amiga
Contact: Dennis Alexander
(216) 726-8450
(216) 856-7869

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Last Minute Additions

Ashtabula County Commodore Users Group
A.C.C.U.G.
Contact: Sue Altonen, Club Secretary
Mailing address:
1034 Michigan Avenue
Ashtabula, OH 44004
Basic Bits Commodore Group
Meeting Place: Fields UM Church
34077 Lorain Rd, N. Ridgeville
When: 3rd Fri, 7:30 PM
Interests: Amiga/Commodore

CEBUG
Meeting Place: Zion Luth Church
Huron
When: 3rd Mon, 7:30 PM
Interests: Amiga/Commodore
Contact: Irene Kraus

CHUGS
Meeting Place: Clark Cty Mental Health Board
1101 E. High St, Springfield
When: 3rd Sat, 1 PM
Interests: Amiga/Commodore
Contact: Barbara Bickel
(513) 322-9310

Canton Akron Massillon UG
Meeting Place: Holy Trinity Lutheran Church
55th & Middlebranch Rd, N Canton
When: 3rd Sat, 7-10 PM
Interests: Amiga/Commodore/MS-DOS
Contact: Roger Knop
(216) 499-0848

Central Ohio Commodore UG
Meeting Place: Columbus State Community College, Columbus
When: 3rd Thur, 7:30 PM
Interests: Amiga/Commodore/MS-DOS
Contact: Philip Lynch
(614) 274-0304

Chillicothe Commodore UG
Meeting Place: Salem Church corner 4th & Mulberry St, Chillicothe
When: 1st Tue, 7 PM
Interests: Amiga/Commodore
Contact: Bill Pietschman
(614) 773-2157

Cleveland Area - Amiga Users Group
CA-AUG
Meeting Place: CSU Urban Affairs Bldg, Dively Rm, 1st floor, park in rear or lot to Northeast corner of E. 18th and Euclid
When: Summer, 3rd Mon, 7-9 PM, other times 3rd Sat, 1-3:30 PM
Interests: Amiga
Contact: Bill Hogsett
(216) 295-1624
Mailing address:
19443 North Sagamore
Fairview Park, OH 44126

DACUG
Meeting Place: Defense Electronics Supply Center (DESC)
When: 2nd Sat, 3-7 PM
Interests: Amiga/Commodore or compatibles
Contact: Mona Spurgeon, President
(513) 298-6743

HUG-64
Meeting Place: Old Court House
819 Park St, Findlay
When: 2nd Wed, 7 PM
Interests: Commodore
(419) 424-0455

L-BUG
Meeting Place: Bowie Community Center, Bowie
When: 3rd Tues, 7:30 PM
Interests: Amiga/Commodore
Contact: Lee Wiseman
(301) 464-1745

North Coast Amiga Users Group
NCAUG
Meeting Place: Euclidian Room
Euclid Square Mall
When: 2nd Sat, 10 AM
Interests: Amiga
Contact: Doug Southworth
(216) 352-2192
(216) 352-6039 BBS
Mailing address:
P.O. Box 1091
Fairport Harbor, OH 44077

O.V.A.U.G.
Meeting Place: University of Cincinnati Rieveschl Hall, Rm 502, Cincinnati
When: Last Tues, 8:00 PM
Interests: Amiga
Contact: George Gibeau
(513) 721-1214

Salem Amiga Users Group
SAUG
Meeting Place: Salem Computer Center, 200 E. Second St, Salem
When: 1st Sat, 6 PM
Interests: Amiga
Contact: Devon Graham
(216) 758-7058
Mailing address:
SAUG
P.O. Box 7023
Boardman, OH 44512

South Toledo Commodore Computer Club
S.T.C.C.C.
Meeting Place: Luke's Barn
When: 3rd Tue, 7:30 PM
Interests: Amiga, C64, Vic-20, MS-DOS
Contact: Chuck Heinle, President
(419) 385-7359
(419) 893-4493 BBS
Mailing address:
P.O. Box 3167
Toledo, OH 43607

TRUMCUG
Meeting Place: Cortland Bank, Elm Road Warren
When: 3rd Wed (except July & Aug), 7:30 PM
Interests: Amiga/Commodore
Contact: Robert Summers
(216) 856-1228

The Commodore and Amiga UG Inc
Meeting Place: Grace Lutheran Church Columbus
When: 4th Sat, 10-1:30 PM; 2nd Mon, 6:30-9:30 PM
Interests: Amiga/Commodore
Contact: Jo-Ann Nemeth
(614) 253-7408

VICAP
Meeting Place: White Oak Library Silver Spring
When: 2nd Sat, 2 PM
Interests: Commodore
Contact: Hugh Pettis
(301) 434-6944

Oklahoma

Commodore Users of Bartlesville
Meeting Place: Our Saviour Lutheran Church
300 N.E. Madison Blvd, Bartlesville
When: 4th Tue odd months, 4th Thur even months.
Interests: Amiga/Commodore
Contact: Fred Mayes
(918) 336-0233

Oklahoma Amiga Computer Enthusiasts
OACES
Meeting Place:
When: 1st Tues
Interests: Amiga
Contact: James Franklin
(405) 324-8061 BBS
Mailing address:
P.O. Box 890981
Oklahoma City, OK 73189-0981

TACUG
Meeting Place: Martin East Regional Library, Tulsa
When: 2nd Mon, 7:30 PM
Interests: Commodore
Contact: Wayne Wehrrspann
(918) 299-4559

Tulsa Amiga User Group
TAG
Meeting Place: Hardesty Regional Library
When: 2nd Sat., 2:30-4:30 pm
Interests: Amiga
Contact: Scott Carr
(918) 622-6422
(918) 838-7817 BBS
Mailing address:
7931 E. 60th Place 87-104
Tulsa, OK 74145

Oregon

CUA
Meeting Place: Calvary Temple Church 5th & E. Pine Center Point
When: 1st Mon, 7 PM
Interests: Commodore
Contact: Kenneth Cote
(503) 779-3290

Lane County Commodore UG
Meeting Place: EWEB Community Room, Eugene
When: 3rd Sat, 10-2 PM
Interests: Amiga/Commodore
Contact: Francis Saffell
(503) 342-6228

M.I.G.A.
Meeting Place: Carefree Mobile Village (rec room) Medford
When: 3rd Sat, 5 PM
Interests: Amiga
Contact: Randy Waarrick
(503) 826-7510
Northwest Amiga Group
NAG
Meeting Place: DJ's Corner Holgate & 39th, Portland
When: 4th Tues, 7 PM
Interests: Amiga/Commodore
Contact: Garry T. Stasiuk, Dale Pace
(503) 284-6887
(503) 697-0989
(503) 228-5618 BBS, 8,N,1
Mailing address:
Galleria, Suite 553
921 SW Morrison
Portland, OR 97205-2723

Pennsylvania

ABC Chips
Meeting Place: Sacred Heart Hospital Allentown
When: 1st Wed, 7-10 PM
Interests: Amiga
Contact: Thomas Duff
(215) 865-4524

Buxmont Computer UG
Meeting Place: Lansdale Public Library Lansdale
When: 2nd Thur, 7 PM
Interests: Commodore
Contact: Paul Steinmetz
(215) 368-1949

Central Pennsylvania Amiga Computer Club
CPACC
Meeting Place: The Camp Hill Shopping Center Community Room
When: 2nd Tue, 6 PM
Interests: Amiga
Contact: Robert Crawford
(717) 432-8345

Huntingdon County Hackers
Meeting Place: Huntingdon County Library, Huntingdon Branch
When: 2nd Sun, 2 PM
Interests: Amiga/Commodore
Contact: Shawn Ketner
(814) 643-1699
(814) 643-2549

L.E.A.G.U.E.
Meeting Place: Stauffer Mansion
1241 Lititz Pike, Lancaster
When: 2nd Mon, 7 PM
Interests: Amiga
Contact: Lamar Stahl
(717) 569-1744

Main Line Commodore UG
Meeting Place: Villanova University Villanova
When: 1st Sat, 9:30 AM
Interests: Amiga/Commodore
Contact: Emil Volcheck
(215) 388-1581

Nepace Commodore UG
Meeting Place: Penn State Hazleton Campus, Hazleton
When: 4th Fri (Sept - May), 7:30 PM
Interests: Amiga/Commodore
Contact: David Orbin
(717) 450-3088

North Coast Commodore UG
Meeting Place: Villa Maria College
When: 3rd Tue, 7:15 PM
Interests: Amiga/Commodore
Contact: Calvin McAdoo
(814) 734-4589

Philadelphia Amiga UG
PAUG
Meeting Place: MacAlister Hall, Rm 4014-4018, 33rd & Chestmut St
When: 2nd Sat, 12:30-4:30 PM
Interests: Amiga
Contact: Claudio Dosio
(215) 896-2192
(215) 551-1485 BBS
Mailing address:
P.O. BOX 8296
Philadelphia, PA 19101

Pittsburgh Commodore Group
Meeting Place: Mellon Science Hall, Duquesne University
When: 3rd Sun (Sept-June), 9:30 AM
Interests: Amiga/Commodore
Contact: Neal Kushner
(412) 828-3505
Mailing address:
P.O. Box 16126
Pittsburgh, PA 15242

Scranton Commodore UG
Meeting Place: Junior Achievement Center, Scranton
When: 3rd Tue, 7 PM
Interests: Commodore
Contact: Phil Matone
(717) 489-7843
Valley Amiga Users Group
VAUG
Interests: Amiga
Contact: Thomas Shannahan
(215) 867-4794
Mailing address:
1517 Levering Place
Bethlehem, PA 18017

White Rose Commodore UG
Meeting Place: Adams Electric Cooperative, York
When: 3rd Wed, 7 PM
Interests: Commodore
Contact: James A. Miller
(717) 848-9321

Rhode Island

Narragansett Commodore UG
Meeting Place: Showamut Baptist Church West Shore Road, Warwick
When: 4th Wed, 7:30 PM
Interests: Amiga/Commodore
Contact: Ron Maguire
(401) 738-6972

Warwick Commodore UG
Meeting Place: St. Barnabus Church Appanoag
When: 2nd Wed, 7:30 PM
Interests: Amiga/Commodore/MS-DOS
Contact: Ted Walters
(401) 433-5617

South Carolina

Commodore Computer Club of Columbia
Meeting Place: Classics
1632 Hampton St, Columbia
When: 1st Thur, 7:30 PM
Interests: Amiga/Commodore
Contact: Buster White
(803) 733-9783
(803) 772-0305

SPARCUG
Meeting Place: Spartanburg Art Center Spartanburg
When: 2nd Sun (except May), 1:30 PM
Interests: Amiga/Commodore/MS-DOS
Contact: Lee Speer
(803) 582-5222

South Dakota

Aberdeen Commodore Club
Meeting Place: NW Bell Bldg
15 SW 4th Ave, Aberdeen
When: Last Tue, 7 PM
Interests: Amiga/Commodore
Contact: Dorothy Gathright
(605) 622-3880 BBS

Tennessee

Commodore Association of SE
Meeting Place: Bonanza Stewart Ferry Pk & I-40 Nashville
When: Sat, Noon
Interests: Amiga/Commodore
Contact: Thomas Kujawa
(615) 648-1838

Hackers
Meeting Place: Bartlett Library
When: 2nd Mon, 7 PM; 3rd Sat, 10 AM
Interests: Commodore
Contact: James Patrick
(901) 795-0461

Memphis Amiga Group
Meeting Place: State Tech Inst Memphis
When: 2nd Sat, 1 PM
Interests: Amiga
Contact: Bob & Cheryn Nunn
(901) 767-9239
Mailing address:
P.O. Box 752683
Memphis, TN 38175

Memphis Commodore Users Club
Meeting Place: State Tech Inst, Fulton Auditorium, Memphis
When: 1st Tue, 7 PM
Interests: Commodore
Contact: Bob Nunn
(901) 795-0461

The Amiga Club
Meeting Place: Cumberland Museum Antioch
When: 2nd Thur, 7 PM
Interests: Amiga
Contact: Becky Fox Matthews
(615) 776-5438 BBS
Mailing address:
P.O. Box 40651
Nashville, TN 37204

Texas

Abilene Amiga User Group
A.A.U.G.
Meeting Place: Abilene Public Library, 2nd floor conference room
When: 4th Sat, 1 PM
Interests: Amiga
Contact: Rick Russell, President
(915) 690-0150
Mailing address:
P.O. Box 7682
Abilene, TX 79608

User's Groups

CUT
Meeting Place: 7007 Memphis Ave. Lubbock
When: 2nd Tue, 7-9 PM; 4th Sat, 3-5 PM
Interests: Amiga/Commodore
Contact: Gayle Gafford
(806) 792-7121

Central Texas Amiga Computer Society
CTACS
Interests: Amiga
Contact: Arnaldo R. Cruz
(512) 458-8004 BBS
Mailing address:
ATTN: Treasurer
P.O. Box 90685
Austin, TX 78709-0685

Club Amiga
Meeting Place: Micro Search Computers 9896 S.W. Freeway, Houston
When: 1st Thur, 7-9 PM
Interests: Amiga
Contact: Joyce Burek
(713) 481-4704 after 4 PM

Coastal Bend Amiga Users Group
CBAUG
Meeting Place: Computer-Ease 1819 S. Alameda, Corpus Christi, TX 78404
When: 1st and 3rd Sat, 11 AM
Interests: Amiga
Contact: David Crum
(512) 882-2275
(512) 883-8351 BBS

Commodore Amiga Users of San Antonio
CASA
Meeting Place: Amazing Computers 7115 Blanco Ste. 114
San Antonio
When: 2nd Mon, 7 PM
Interests: Amiga
Contact: James O. Jackson
(512) 921-1758
Mailing address:
CASA
P.O. Box 290039
San Antonio, TX 78280-1439

Commodore Users of San Antonio Texas
CUSAT
Meeting Place: Balcones Heights Community Center 107 Glenarm, San Antonio
When: 3rd Saturday, 9:30AM
Interests: Amiga and C64/128
Contact: AmigaTalk BBS
(210) 656-9473 BBS
Mailing address:
CUSAT
P.O. Box 380732
San Antonio, TX 78280

Concho Valley Commodore Users Group
CVCUG
Meeting Place: 2nd Thurs at Central National Bank 4th Sat at El Patio Motel
When: 2nd Thurs, 7 PM. 4th Sat, 9 AM
Interests: Computers in general, Amigas in particular
Contact: Jon B. Peterson, Pres.
(915) 949-1400
Mailing address:
CVCUG
P.O. Box 2661
San Angelo, TX 76902

El Paso Amiga Users Group
EPAUG
Meeting Place: St. Pauls Methodist Church, 7000 Edgemere
When: 2nd & 4th Thur, 7:00 PM
Interests: Amiga
Contact: Walker Jackson
Mailing address:
6628 Mariposa
El Paso, TX 79912

El Paso Commodore UG
Meeting Place: Lincoln Cultural Arts Center, 4001 Durazno, El Paso
When: 2nd Thur, 7 PM; Last Sat, 10 AM
Interests: Amiga/Commodore/ MS-DOS
Contact: Blaine Snyder
(915) 751-9884
Longview Commodore UG
Meeting Place: Pinetree Jr. High School Longview
When: 3rd Tue, 7 PM
Interests: Amiga/Commodore
Contact: Eldon Boswell
(214) 759-9064

Metroplex Commodore Computer Club
Meeting Place: Amiga North Dallas Chapter, Richardson Civic Center
When: 3rd Wed, 7:30 PM
Interests: Amiga
Contact: Danny Barnett
(214) 276-1330
Mailing address:
P.O. Box 813
Bedford, TX 76095

Metroplex Commodore Computer Club
Meeting Place: Amiga Central Chapter, Arlington Community Center, Arlington
When: 3rd Thurs, 7:00 PM
Interests: Amiga
Contact: Ray Howard
(214) 660-4819
Mailing address:
P.O. Box 813
Bedford, TX 76095

Metroplex Commodore Computer Club
Meeting Place: Amiga By-The-Loop Chapter, North Richland Hills Community Center
When: 2nd Tues, 7:00 PM
Interests: Amiga
Contact: David Owens
(817) 577-2304
Mailing address:
P.O. Box 813
Bedford, TX 76095

Metroplex Commodore Computer Club
Meeting Place: Amiga West Chapter, Texas College of Osteopathic Medicine, Fort Worth
When: 2nd Thurs, 7:00 PM
Interests: Amiga
Contact: Jack Smith
(817) 924-9289
Mailing address:
P.O. Box 813
Bedford, TX 76095

TOTCOM
Meeting Place: LTV
530 West Brown, Pampa
When: 1st & 3rd Thur, 7 PM
Interests: Amiga/Commodore
Contact: Sid Robinson

TRICUG
Meeting Place: call for meeting place
When: 2nd Sat, 10-12 Noon
Interests: Amiga/Commodore/MS-DOS
Contact: Wayne Martin
(806) 355-4577

Texas Commodore UG
Meeting Place: Lewis Hunnicutt's House
Royse City
When: call for day and time.
Contact: Lewis Hunnicutt
(214) 635-9005

U.S. of Amiga
Meeting Place: Call for directions
When: 2nd Sat, 3 PM
Interests: Amiga
Contact: Galen Shelby
(806) 797-3822
Mailing address:
6609 Joliet Drive
Lubbock, TX 79413

Utah

Amiga Round Table ART
Meeting Place: Weber State College, Lind Lecture Hall, Rm126, Ogden
When: 2nd Sat, 11 AM
Interests: Amiga
Contact: Leonard Larsen
(801) 825-8121
Mailing address:
P.O. Box 602
Clearfield, UT 84015

Amiga Users Society Members AUSM
Meeting Place: Harmony Hall 3700 South Main St. Salt Lake City
When: 3rd Saturday 1:00-3:00pm
Interests: Amiga
Contact: Richard Brady
(801) 569-1035
(801) 569-2240 BBS

BYU Amiga Users Group
Meeting Place: 258 ELWC on the Brigham Young University, Provo
When: 2nd & 4th Sat, 10 AM
Interests: Amiga
Contact: Brian Koetting
(801) 377-2269

Virginia

Amigoid Life-Form Association
A.L.F.A.
Meeting Place: Thomas Nelson Communtiy College, Gator Room
When: 2nd Mon, 7:00 PM
Interests: Amiga
Contact: Norm Goswick
(804) 865-7903
Mailing address:
PK Birkmeyer
4706 Maser Court
Hampton, VA 23666

CURVE
Meeting Place: Dumbarton Library, Staples Mill Penick, Richmond
When: 3rd Mon, 7 PM
Interests: Amiga/Commodore
Contact: Kent Durvin
(804) 321-5057

Capital Area Commodore Enthusiasts
Meeting Place: Tysons- Pimmit Regional Library, Fairfax City
When: 4th Sat, 1:30 PM
Interests: Amiga/Commodore
Contact: William Tyler
(703) 471-0442

Computer Club of South West Virginia
Meeting Place: Salem Civic Center
When: 2nd Tues, 6-9 PM
Interests: Graphics and games
Contact: Carl Shermat
(703) 562-1767 Voice 9 AM -9 PM
Mailing address:
P.O. Box 727
Salem, VA 24153

National Capital Amiga Users Group
NCAUG
Meeting Place: Washington Gas Light Co.,6801 Industrial Road Springfield
When: 2nd Sat, 1 PM, new users SIG Noon
Interests: Amiga
Contact: Bill Falls
(703) 532-1642
(703) 658-4369 BBS F8N1
Mailing address:
P.O. Box 12360
Arlington, VA 22209

Portsmouth Commodore UG
Meeting Place: Portsmouth Catholic Elementary School, Portsmouth
When: 4th Tue, 7:30 PM
Interests: Amiga/Commodore
Contact: Louis Parker
(804) 488-2249

R.A.G.
Meeting Place: Dumbarton Library Richmond
When: 4th Sat
Interests: Amiga
Contact: Bob Fisher
(804) 353-0225

Tidewater Commodore UG
Meeting Place: Open Door Chapel (rear) Virginia Beach
When: 2nd & 4th Thur, 7 PM
Interests: Amiga/Commodore
(804) 588-5617

Washington Area Commodore UG
Meeting Place: George Mason High 7124 Leesburg Pike, Falls Church
When: 3rd Sat
Interests: Amiga/Commodore
Contact: John Krout
(703) 273-6074

Vermont

Champlain Valley Commodore UG
Meeting Place: S. Burlington Middle School (cafeteria) S. Burlington
When: Last Wed, 7-9 PM
Interests: Amiga/Commodore
Contact: Steve Lippert
(802) 658-4160

Washington

AMUSE
Meeting Place: Lake Hills Library 15228 Lake Hills Blvd, Bellevue
When: Sat, 4:30 PM
Interests: Amiga
Contact: Jim Boydston
(206) 255-2043

Amiga First Users Group of Spokane
AFUGS
Meeting Place: Various Amiga Dealers in Spokane
When: 2nd Wed, 7:00PM
Interests: Amiga
Contact: Dave Harris
(503) 299-7543
Mailing address:
Rt. 2 Box 10R7
Espanola, WA 99022

Bellingham Amiga Users
Bel-Ami
Meeting Place: Bond Hall Room 104/105 Western Washington Campus (visitors welcome)
When: 1st Wed, 7 PM
Interests: Amiga
Contact: T. Scott
Mailing address:
P.O. Box 786
Bellingham, WA 98227-0786

Blue Mountain Commodore UG
Meeting Place: Labor Council Building Walla Walla
When: 3rd Tues, 7:30 PM
Interests: Amiga/Commodore/MS-DOS
Contact: Sam Southall
(509) 529-2995
Mailing address:
702 E. Alder
Walla Walla, WA 99362

Federal Way Amiga Users Group
F.W.A.U.G.
Interests: Amiga
Contact: Anthony Fortini
(206) 941-8455 Voice
(206) 859-0525 BBS
Mailing address:
31419-3rd Place South
Federal Way, WA 98003

Island Commodore UG
Meeting Place: Harbor Towers 7330 700th Ave W Oak, Harbor
When: 2nd Sat, 7:30 PM
Interests: Commodore
Contact: Carole Czlapinski
(206) 679-4450

Lacey/Olympia/Tumwater Amiga Users' Group
LOTAUG
Meeting Place: Olympia Community Center, Room 103
222 Columbia Street Olympia, WA
When: June-September, 1st Tues, 6:30-10:00. Oct-May, 1st Sat, 12:30-4:30
Contact: Ed Kivi or John Freeland
(206) 491-6122 Ed Kivi
(206) 456-2877 John Freeland

O.P.U.G.
Meeting Place: Agnew Community Hall Port Angeles
When: 2nd Thur, 7:30 PM
Interests: Commodore
Contact: James Rosand
(206) 452-8601 BBS

S.T.A.G.
Meeting Place: Bates V. Tech 2201 S. 78th St, Tacoma
When: 2nd Tue, 7 PM
Interests: Amiga
Contact: Ralph Redjou
(206) 581-2993

SWAMI
Meeting Place: Take A Byte Computers 815 W. Columbia Dr, Kennewick
When: 2nd Thur, 7 PM
Interests: Amiga
Contact: Chris Bosted
(509) 375-7709

UPCHUG
Meeting Place: Fircrest Recreation Center, Tacoma
When: 2nd & 4th Thur, 7 PM
Interests: Amiga/Commodore
Contact: David Ockrassa
(206) 832-3359

Vancouver Amiga User Group
VAUG
Meeting Place: Smokey's Pizza Hazelville
When: 2nd Mon, 7:30 PM
Interests: Amiga
Contact: Dan Edwards
(206) 896-9834
(206) 695-3630 BBS
Mailing address:
P.O. Box 84544
Vancouver, WA 98684-0544

WACKO Walla Walla Computer Users
Meeting Place: Life Science Center, Main Lecture Hall
Walla Walla College, College Place
When: 3rd Sun, 2 PM
Contact: Richard Daley

Wisconsin

CHIPS
Meeting Place: 800 East Kilbourn West Bend
When: 2nd Wed & 4th Thur, 6:30 PM
Interests: Commodore
Contact: Thomas Daley
(414) 338-3047

Club Commodore
Contact: Tom Dunk, President
(414) 554-5952 BBS
Roger Christensen, System Operator
Mailing address:
Club Commodore
P.O. Box 085682
Racine, WI 53408

Commodore Amiga Madison Enthusiasts Organization
CAMEO
Meeting Place: Union South University of Wisconsin
When: 4th Mon., 8 pm.
Interests: Amiga
Contact: RCC Systems
(608) 258-8404
Mailing address:
Box 53 Union South
227 N. Randall
Madison, WI 53706

Lakeshore Commodore Core
Meeting Place: Lakeshore Tech College (conf rm A), Cleveland
When: 2nd Wed, 7 PM
Interests: Amiga/Commodore
Contact: Merwyn Beyer

Milwaukee Area Commodore Enthusiasts
MACE
Meeting Place: H.A. Todd Post 537 9159 W. Beloit Road (one block south of 92nd and Oklahoma Ave.)
When: 2nd Mon, 7 PM
Interests: 64, 128 & Amiga
Contact: Craig Clinton
(414) 771-1250

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Last Minute Additions

Mailing address:
P.O. Box 26216
Milwaukee, WI 53226

Northeast Wisconsin Amiga Users Group
When: 1st Wed, 7 PM
Interests: Amiga
Contact: Tim Kolb
(414) 749-9338
Mailing address:
Tim Kolb
951 North Perkins Street
Appleton, WI 54914

West Virginia

BUG 20/64 Bluefield UG
Meeting Place: Humana St. Lukes
Southview Dr, Bluefield
When: 2nd Mon
Interests: Commodore
Contact: John Knowles
(703) 326-2140

Wyoming

Casper Commodore User Group
CCUG
Meeting Place: Crazy Mountain Software,
511 E. Sunset Street Casper
When: Call for details
Interests: Amiga/Commodore 64
Contact: Roy Pahnke
(307) 577-1963

Cheyenne Association
Meeting Place: Laramie County Library
2800 Central Ave, Cheyenne
When: 1st Thur, 7 PM
Interests: Commodore
Contact: Gene Rugotzke

Australia

Computer Users Groups of Australia
Meeting Place: St. Peters Lutheran Church Hall
Hadley & Grand St Pittsworth, Qld
When: 1st Sat
Interests: Amiga
Contact: Ross Hall

CAUSe
Meeting Place: Seventh Day Adventist Church Hall 3 Macleay St, Turner
When: 2nd Thur, 8 PM
Interests: Amiga
Contact: John Buttle
(011) 616-251-4141
(011) 616-255-1469 BBS

Albury Wodonga CUG
Mailing address:
P.O. Box 1014
Albury, NSW 2640
Australia,

Amiga Burwood UG
Mailing address:
Amiga Burwood UG
P.O. Box 308
Burwood, NSW 2134,
Australia

Amiga UG (Vic) Inc
Mailing address:
Amiga UG (Vic) Inc
P.O. Box 48
Boronia, VIC 3155,
Australia

Amiga UG of NT
Mailing address:
Amiga UG of NT
P.O. Box 3895
Winnellie, NT 0821,
Australia

Amiga UG of SA
Mailing address:
Amiga UG of SA
P.O. Box 10131
Adelaide, SA 5001,
Australia

Amiga UG of WA Inc.
Meeting Place: Curtin University, Bentley
When: 2nd Tues, Tutorials every Friday
Interests: Newsletter: AUGMENT
Contact: Bill Charpe-Smith, President
(011) 619-362-3539 B. Charpe-Smith
(011) 619-279-2778 Arthur Rutland
Mailing address:
Amiga UG of WA Inc.
P.O. Box 595
Cloverdale, WA 6105,
Australia

Armidale Amiga UG
Mailing address:
Armidale Amiga UG
3/217 Beardy Street
Armidale, NSW 2350,
Australia

Australian Amiga UG
When: 2nd Sat
Interests: Publication: Australian Amiga
(011) 6176-932-198
Mailing address:
Australian Amiga UG
P.O. Box 1386
Toowoomba, QLD 4350,
Australia

Australian Amiga Users Association
Mailing address:
Australian Amiga Users Association
P.O. Box 389
Penrith, NSW 2750,
Australia

Balaclava UG
Mailing address:
Balaclava UG
3/2 Almond Avenue
Brooklyn, VIC 3025,
Australia

Barossa UG
Mailing address:
Barossa UG
RSD Box 1 Daveyston
Greenock, SA 5300,
Australia

Border District CUG
Mailing address:
Border District CUG
P.O. Box 536
Wodonga, VIC 3090,
Australia

Brisbane Amiga UG Inc
Mailing address:
Brisbane Amiga UG Inc.
Lot 4 Lindsay Road
Morayfield, QLD 4500,
Australia

Bundaberg CUG
Mailing address:
Bundaberg CUG
P.O. Box 1599
Bundaberg, QLD 4670,
Australia

Burnie Commodore Amiga UG
Meeting Place: Mooreville Road campus of TAFE
When: 2nd Tues, (except holidays)
Interests: Newsletter: B.C.A.U.G. News
Contact: Clyde McLennen, President
Mailing address:
Burnie Commodore Amiga UG
P.O. Box 471
Burnie TAS 7320,
Australia

CRI CUG
Meeting Place: VRI Hall Stewart Street Braybrook
When: 3rd Sun, 7:30 PM
Contact: Rod Mason, President
(011) 613-314-5677 Steve Riepsamen
(011) 613-306-4063 Rod Mason

CUG (VIC)
Mailing address:
CUG (VIC)
1 Argyle Street
Gladstone, VIC 3140,
Australia

CUG of Australia
Mailing address:
CUG of Australia
P.O. Box 166
Pittsworth, QLD 4350,
Australia

Canberra Amiga Users Society
CAUSE
Meeting Place: Canerra Workers Club
When: 2nd Thurs, 7 PM
Interests: Amiga
Contact: Paul Martin
(011) 616-253-2121
Mailing address:
GPO Box 596
Canberra City
ACT 2601 Australia,

Canberra UG ACT Inc.
Mailing address:
Canberra UG ACT Inc.
P.O. Box 409
Curtin, ACT 2005,
Australia

Commodore CUG (WA)
Mailing address:
Commodore CUG (WA)
234 Balcatta Road
Gwelup, WA 6021,
Australia

Commodore CUG Inc
CCUG Inc
Interests: Cursor-Newsletter
Contact: Greg Perry, President
(011) 617-366-3295 Greg Perry
(011) 617-209-9084 Mike Williams
(011) 617-808-7694 BBS
Mailing address:
Commodore CUG Inc.
P.O. Box 274
Springwood, QLD 4127,
Australia

Commodore Hornsby UG
Mailing address:
Commodore Hornsby UG
P.O. Box 1578, Hornsby
Northgate, NSW 2077,
Australia

Commodore UG Mackay
Meeting Place: Mackay & District Education Center North Mackay
When: 2nd Wed, 7:30 PM
Contact: Trevor Johnston
(011) 617-959-8417
Mailing address:
Commodore UG Mackay
P.O. Box 422
Mackay, QLD 4740,
Australia

Compu-Tech Computer Club
Mailing address:
Compu-Tech Computer Club
15 Hazelton Grove
Gateshead, NSW 2290,
Australia

Cooma Amiga UG
Mailing address:
Cooma Amiga UG
P.O. Box 409
Cooma, NSW 2630,
Australia

Dingly CUG
Mailing address:
Dingly CUG
1 Hazelwood Close
Dingley, VIC 3172,
Australia

East Coast Amiga
Mailing address:
East Coast Amiga
P.O. Box 344
Gosford, NSW 2250,
Australia

Eastern Suburbs CUG
Mailing address:
Eastern Suburbs CUG
P.O. Box 236
Botany, NSW 2019,
Australia

Eastern Suburbs Eighty UG
Mailing address:
Eastern Suburbs Eighty UG
17 Douglas Avenue
Box Hill South, VIC 3128,
Australia

Gladstone Amiga UG
Mailing address:
Gladstone Amiga UG
P.O. Box 1390
Gladstone, QLD 4600,
Australia

Hedland CUG
Mailing address:
Hedland CUG
5a Baler Close
South Hedland, WA 6722,
Australia

Ipswich CUG
Mailing address:
Ipswich CUG
P.O. Box 252
Ipswich, QLD 4305,
Australia

Knoxcom Incorporated
Mailing address:
Knoxcom Incorporated
P.O. Box 2000
Ferntree Gulley, VIC 3156,
Australia

MacQuarie Fields UG
Mailing address:
MacQuarie Fields UG
32 Rosewood Drive
MacQuarie Fields NSW 2564,
Australia

Melbourne Commodore Computer Club
Mailing address:
Melbourne Commodore Computer Club
P.O. Box 177
Box Hill, VIC 3128,
Australia

Moe CUG
Mailing address:
Moe CUG
20 Edward Crescent
Trafalgar, VIC 3824,
Australia

Mount Isa Amiga UG
Mailing address:
Mount Isa Amiga UG
P.O. Box 1722
Mount Isa, QLD 4825,
Australia

Newcastle CUG
Meeting Place: Charlestown Public Library
Ridley Street, Charlestown
When: 4th Tues, 7 PM
Interests: Newsletter: VICTIM
Contact: Marcus Graham or Sue Slack
(011) 6149-634-952
(011) 6149-471-118
Mailing address:
Newcastle CUG
4/13 Smart Street
Charlestown, NSW 2290,
Australia

Northern Amiga UG
Interests: Newsletter of the Northern Amiga User Group
Contact: Marc Katona, President
Mailing address:
Northern Amiga UG
P.O. Box 1722
Mount Isa, QLD 4825,
Australia

Penrith CUG
Meeting Place: Victoria Street Community Cottage
Victoria St., Werrington
When: 3rd Wed, 7:30 PM
Contact: Gary Bull, President
(011) 612-670-3207
(011) 612-623-4258 after 5
Mailing address:
Penrith CUG
42 Alpine Circuit
St. Clair, NSW 2759,
Australia

Perth Commodore & Amiga UG
Meeting Place: Les Hansman Centre, 246 Walter Road, Morley
When: Every Thurs, 7-9:30 PM
Contact: John Roe
(011) 619-276-6287
Mailing address:
Perth Commodore & Amiga UG
22 Marriot Way
Morley WA 6062, Australia

RAAF Richmond Computer Club
Mailing address:
RAAF Richmond Computer Club
C/–CTS, SSSRIC, RAAF Base
Richmond, NSW 2755, Australia

S.A.C.C.U.G.
Meeting Place: North Adelaide Primary School Tynte Street
North Adelaide
When: 1st & 3rd Mon, 7:30 PM
Interests: Newsletter: Bits and Bytes
Contact: Glenn, President
Mailing address:
S.A.C.C.U.G.
P.O. Box 427
North Adelaide SA 5006,
Australia

Shepparton Commodore Computer Club
Meeting Place: Guide Hall Center of Nixon & Skene Street, Shepparton
When: Fortnightly on Sun, 7:30-9:00 PM
Contact: Val Hutchinson

Singleton Amiga UG
Meeting Place: Staff Room of the Singleton Heights Public School
When: 2nd Wed, 7 PM
Contact: Ken Gate, Chairman
Mailing address:
Singleton Amiga UG
22 Falkiner Crescent
Singleton Heights,
NSW 2330 Australia

Southern Districts CUG
Mailing address:
Southern Districts CUG
1 Birubi Way
Morphett Vale, SA 5162,
Australia

Stawell CUG
Mailing address:
Stawell CUG
P.O. Box 299
Stawell, VIC 3380,
Australia

Sydcom
Mailing address:
Sydcom
GPO Box 1542
Sydney, NSW 2001,
Australia

Tasmanian Amiga UG
Mailing address:
Tasmanian Amiga UG
6A Hamilton St.
Launcestion, TAS 7250,
Australia

Tasmanian Commodore Users Association
Meeting Place: Glenorchy Derwent Regional Library, Terry Street, Glenorchy
When: 7:30 PM
Interests: Newsletter: Discourse
Contact: Kaz Paul, President
Mailing address:
Tasmanian Commodore Users Association
P.O. Box 673 GPO
Hobart, TAS,
Australia

User's Groups

The Amiga Users Group Inc.
Meeting Place: Victoria College, Burwood Campus, Theatre 1
When: 3rd Sun, 2 PM
Interests: Amiga
Contact: L.A. Beranek
(011) 613-527-1995
(011) 613-376-3887 BBS
(011) 613-376-7375 BBS
Mailing address:
P.O. Box 684E
Melbourne,
3001 Australia

Tuggerah Lakes CUG
Mailing address:
Tuggerah Lakes CUG
P.O. Box 2257
Gosford, NSW 2250,
Australia

VK Commodore UG
Mailing address:
VK Commodore UG
P.O. Box 168
Launceston, TAS 7467,
Australia
VRI CUG
Mailing address:
VRI CUG
P.O. Box 253
Glenroy, VIC 3040, Australia

West Coast CUG
Mailing address:
West Coast CUG
8 Hurst Street
Queenstown, TAS 7467, Australia

Whyalla CUG
Mailing address:
Whyalla CUG
P.O. Box 2367
Whyalla (Norrie), SA 5608,
Australia

Wollongong Amiga UG
Mailing address:
Wollongong Amiga UG
42 Heaslip Street
Coniston, NSW 2500,
Australia

Yarra Valley CUG
Mailing address:
Yarra Valley CUG
P.O. Box 170
Lilydale, VIC 3140,
Australia

ADelaide AMiga user group
ADAM
Meeting Place: Mawson High School Library Colton Ave.
Hove Adelaide
When: Every Mon
Interests: Amiga
Contact: A. Wilson
Mailing address:
G.P.O. Box 332
Adelaide, South Australia, 5000

Brazil

Synthesis
Meeting Place: 30260 Belo Horizonte MG
When: Weekends
Interests: Amiga
Contact: Alvaro Angelo
5531-467-1480
Mailing address:
Rua Euclasio 357/503
30260 Belo Horizonte
MG, Brazil,

Canada

Amici Amiga
Meeting Place: National Research Council, Auditorium
100 Sussex Dr, Ottawa
When: 2nd Wed, 7:30 PM
Interests: Amiga
Contact: Walt Sullivan
Mailing address:
5 Commanche Dr.
Nepean
Ontario, Canada, K2E 6E8

Amiga Manitoba User Group
AMUG
Meeting Place: The Manitoba Hydro Building 820 Taylor
Winnipeg, Manitoba
When: Last Tues, 7:45 PM
Interests: Amiga
Contact: Gerald Brandt
(204) 669-1666 BBS
Mailing address:
P.O. Box 2055
Winnipeg
Manitoba, Canada, R3C 3R3

Amiga Users of Calgary
AMUC
Meeting Place: Mt. Royal College, Jenkins Theater, Calgary
When: 3rd Wed, 7 PM
Interests: Amiga
Contact: Jeff Rose
(403) 948-6813
(403) 282-5224 BBS, highest speed
Mailing address:
P.O. Box 154
Station 'G'
Calgary, Alberta, Canada, T3A 2G2

Amiga Users of Regina Association
AURA
Meeting Place: Saskatchewan Science Centre, Regina
When: 2nd Tue, 7:30
Interests: Amiga
Contact: Dennis Krupski
(306) 545-5045
Mailing address:
34 Deergrove Crescent
Regina, Saskatchewan, S4S 5L9
Canada

Barrie Users Group
Interests: Amiga
Contact: Paul Mather
(705) 728-9047
Mailing address:
21 Baltimore Road
Barrie
Ontario, Canada, L4M 5M6

Brampton Commodore UG
Meeting Place: Chingscousy Library-Bramalea, Brampton
When: 2nd Mon (except July-Aug.), 7-9
Interests: Amiga/Commodore
Contact: Daniel Berg
(705) 846-7981

Calgary Commodore UG
Meeting Place: Public Lib 616 MacLeod Trail SE, Calgary
When: 1st Wed (except July & Aug), 7:30-11 PM
Interests: Amiga/Commodore
Contact: Ralph Dunphy
(403) 286-4568

Commodore Users of Edmonton
amiC.U.E.
Meeting Place: University of Alberta, Phys Ed Building, Room E120
When: 3rd Thurs, 7 PM
Interests: Amiga
Contact: Roger Walker
(403) 454-2832 BBS
Mailing address:
Peter Dahl, Secretary
Box 3155
Fort Saskatchewan,
Alberta, Canada T86 2T2

Commodore Users of Edmonton
650C.U.E.
Meeting Place: Archbishop Jordan High School
When: Last Fri, 7:30 PM
Interests: Commodore
Contact: Bob Kadylo
(403) 466-7656 BBS

LugNuts
Meeting Place: St. Catherines Library 54 Church St.
When: 3rd Tues, 7:30 PM
Interests: Amiga
Contact: Rob Maxwell
(416) 680-0609
Mailing address:
7 Killarney Crescent
Thorold
Ontario, Canada, L2V 4C2

MUG
Meeting Place: Dieppe Town Hall
When: 1st Tue, 7-10PM
Interests: Amiga/Commodore
Contact: Dave Quinn
(506) 382-9664

Midland Computer User's Group
Meeting Place: MidlandSecondary School 865 Hungel Ave. Rm. # 152
Midland
When: 1st Wed, 7:30 PM
Interests: Amiga/MS-DOS
Contact: Frank Murphy
(705) 534-3378
(705) 549-7397 BBS
Mailing address:
P.O. Box 275
Victoria Harbour
Ontario, L0K 2A0

North Bay Commodore UG
Meeting Place: Ministry of Transportation, North Bay
When: 1st Wed, 7 PM
Interests: Amiga/Commodore
Contact: Fred Miller
(705) 474-8714

Pleasantville Commodore UG
Meeting Place: Bldg 308, Langley Rd St. John's
When: 2nd Tue, 8 PM
Interests: Amiga/Commodore
Contact: Michael Sullivan
(709) 726-0136

Port Coquitlam Computer Club
Meeting Place: Hyde Creek Centre 1379 Laurier Port, Coquitlam
When: 1st & 3rd Tue
Interests: Amiga/Commodore
Contact: Michael Evans
(604) 942-4286

Amiga Alliance, Amiga Users of North Bay
Meeting Place: Canadore College
When: 2nd Wed, 7:30 PM; Exec. meeting on 3rd Wed
Interests: Amiga products and software
Contact: Steve Ray
(705) 497-3057 BBS,2400 Baud,24 hr
The Fat Agnus
Mailing address:
c/o Steve Ray
RR#1, 4 Mile Lake Rd
North Bay, Ontario, P1B 8G2
Canada

Amiga User's Group of Moncton
A.U.G.M.E.N.T.
Meeting Place: Dieppe Community College
505 College St. Dieppe NB
When: 3rd Wed. 7:00PM
Interests: Amiga/Commodore
Contact: Danny Dupuis
(506) 383-7701
Mailing address:
479 Amirault St.
Dieppe, NB E1A 6R6 Canada

Amiga-Based User Group
ABUG
Meeting Place: 519 Church Street, Toronto, Ontario,
When: 3rd Sun, 2-5 PM
Interests: Amiga
Contact: Chris Larcombe
(416) 498-7000
Mailing address:
1795 Meadowview Avenue
Pickering, Ontario
Canada L1V 3G7,

Commodore Computer Club
Meeting Place: Sunset Community Center 404 e. 51 Ave. Vancouver, B.C.
B.C.I.T.
When: 1st Tues.
Interests: Amiga
Contact: Ray Norman
(604) 589-7199
Mailing address:
9006 Prince Charles Blvd.
Surrey, BC V3V 1R5 Canada

Commodore Computer Club
Meeting Place: B.C.I.T. Room 129A
When: 2nd and 4th Wed
Contact: Bill Wagstaff
(614) 597-1746
Mailing address:
P.O. Box 80343
South Burnaby, B.C.
Canada V5H 3X6,

Kick Start Amiga Users Group
Meeting Place: Innovision 800 Hanwell Rd., Ste. E
Fredericton, N.B. Canada
When: Last Wed, 7-9 PM
Interests: Amigas
Contact: Calvin Martin
(506) 458-0895
Mailing address:
Kick Start Amiga Users Group
c/o Calvin Martin
155 Aberdeen Street,
Fredericton, NB Canada E3B 1R4

London & Region Amiga Users
LARAU
Meeting Place: Lucky Days Bingo Hall 539 First St.
When: 2nd Sunday 1:00-4:00PM
Interests: Amiga
Contact: John Hickson
(519) 457-6854
Mailing address:
111-F Wellesley Crescent
London, OT N5V 1J6
Canada

Toronto Pet Users Group, Inc
TPUG
Meeting Place: York Public Library, Story Hour Room, downstairs
1745 Eglinton Ave W.(one block east of Dufferin)
When: 2nd Tues (except July and August) at 7:30 PM
Interests: Central Amiga
Contact: George Skinner
(416) 225-8538
(416) 273-6300 BBS,24hrs, 300/1200/2400 bps
Mailing address:
5334 Yonge St.
Box #116
Willowdale, Ontario,
Canada M2N 6M2

Denmark

Safe Hex International
Interests: Virus protection
Contact: Erik Loevendahl Soerensen
DAN BBS Denmark, 24 hrs
+ 45 42643827 (2400-19200 Baud)
+ 45 4362823 (1200-2400 Baud)
Mailing address:
Erik Loevendahl Soerensen
Snaphanevej 10
4720 Praaeastoe,
Denmark

Japan

Commiga Computer Club
Meeting Place: Misawa Air Base
Interests: Amiga
Contact: Marshall Butler
011-3117-66-5109

Commodore Fan Club
Interests: Amiga, Commodore
Contact: Koji Sugimura
Mailing address:
Commodore Fan Club
Higashi-Taishi
Yao, Osaka, Japan

New Zealand

Amiga User Group of N.Z.
Mailing address:
Amiga User Group of N.Z.
P.O. Box 35107
Christchurch, New Zealand

Christchurch CUG
Mailing address:
Christchurch CUG
P.O. Box 4665
Christchurch, New Zealand

NZ Micro Computer Club
Mailing address:
NZ Micro Computer Club
P.O. Box 6210
Auckland, New Zealand

New Zealand Amiga User Group
Mailing address:
New Zealand Amiga User Group
P.O. Box 85094, Sunnynook
Auckland, NZ, NZ10,

Sweden

Amiga C Club
ACC
Interests: C programming
Mailing address:
Amiga C Club
Tulevagen 22
181 41 LIDINGO,
SWEDEN

Switzerland

SAUG Computer Club (Swiss Amiga User Group)
SAUG
Meeting Place: Hotel Lowen Widnau
When: 1st Mon, 7:30 PM
Interests: Amiga
Contact: E. Frei, Unterdorfstr. 8a
(011) 417-172-3313
Mailing address:
E. Frei, Unterdorfstr. 8a
CH-9443 Widnau
Switzerland,

The Netherlands

Amiga Systems Foundation
Interests: Amiga
(011) 3120-664-3379 BBS
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P.O. Box 70348
1007 KH
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The Netherlands

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U.K.

The 24 Bit Club
Interests: DCTV, Opalvision, Toaster
Contact: Gordon Keenan
(44) 041-332-9052 (FAX)
Mailing address:
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Glasgow, Scotland, G23 5DW
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Uruguay

Grupo Amiga
Interests: Amiga training center
Contact: Adrian Weiszman
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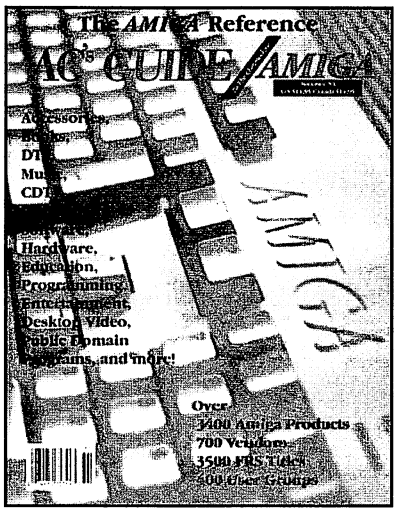

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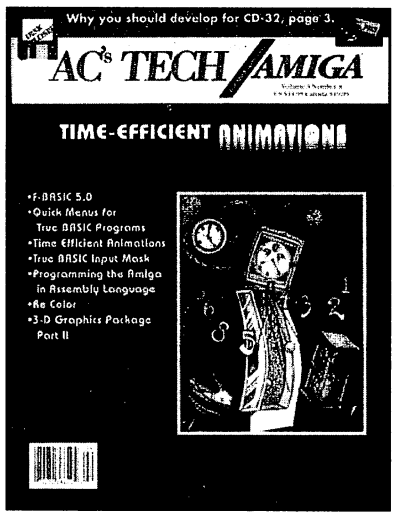

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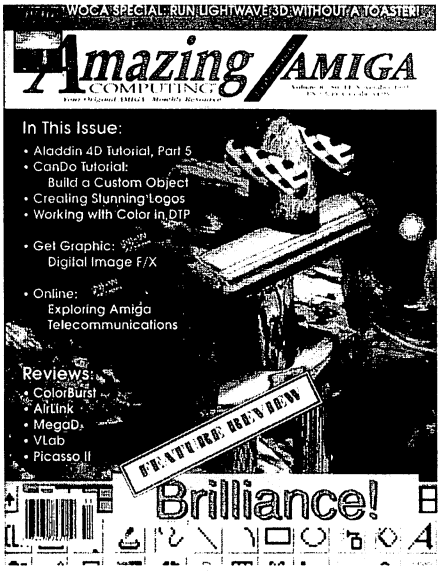

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P.O. Box 2729
Corrales, NM 87048
(505) 891-1689

HR Editions
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Madison, WI 53717

Hutchinson Companies
110 W. Arrowdale
Houston, TX 77037-3801
(713) 448-6143
FAX (713) 448-5431

HyperMedia Concepts, Inc.
5200 Washington Ave., Ste 224
Racine, WI 53406
(414) 632-3766
FAX (414) 632-3983

I-DEN Videotronics Corporation
9620 Chesapeake Dr., Ste. 204
San Diego, CA 92123
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(619) 492-9239
FAX (619) 279-2569

ICD Incorporated
1220 Rock Street
Rockford, IL 61101-1437
(800) 373-7700
(815) 968-2228
FAX (815) 968-3888

Icom Simulations
648 S. Wheeling Rd.
Wheeling, IL 60090
(708) 520-4440
(800) 877-ICOM
FAX (708) 459-7456

IDG Communications
80 Elm St.
Peterborough, NH 03458
(603) 924-0100
FAX (603) 924-4066

IHD Global Computer Center
205 8th St.
National City, CA 91950
(619) 477-2368 BBS
(619) 477-0402 Voice
FAX (619) 477-3974

IMEDIA
Cap 107-67, rue Robespierre
93558 Montreuil-Cedex,
France
(011) 3314-857-5959
FAX (011) 3314-857-9332

Impressions Software
222 Third Street, Suite 0234
Cambridge, MA 02142
(617) 225-0500

Impulse, Inc.
8416 Xerxes Avenue North
Brooklyn Park, MN 55444
(612) 425-0557
FAX (612) 425-0701

Infacto
1456 Fallen Leaf Lane
Los Altos, CA 94024-5809
(415) 968-0813

Infinite Possibilities Software & Development
2416 Stanton Hill Rd.
Castro Valley, CA 94546
(510) 886-7045
FAX (510) 886-7045

Infinite Solutions
14780 Southwest Osprey Drive
Ste 240
Beaverton, OR 97007
(503) 641-2734

Infocom
Division of Activision
11440 San Vicente Blvd. Ste 300
Los Angeles, CA 90049
(310) 207-4500
FAX (310) 820-6131

Inkwell Systems
P.O. Box 1318
Talent, OR 97540
(503) 535-1210
FAX (503) 535-1210

Innerprise Software, Inc.
1818 Potspring Road #30
Timonium, MD 21093
(410) 560-2434
FAX (410) 560-2436

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1933 Davis Street, Suite 238
San Leandro, CA 94577
(510) 638-0800
(510) 638-8432
FAX (510) 638-6453

INOVAtronics, Inc.
8499 Greenville Ave., Ste. 209B
Dallas, TX 75231
(214) 340-4991
FAX (214) 340-8514

Insite Peripherals
4433 Fortran Drive
San Jose, CA 95134
(408) 946-8080
(603) 437-8318
FAX (408) 946-4403

InSpiral Technologies
7539 Irish Ave. South
Cottage Grove, MN 55016
(715) 273-6180

Integral Software
9535 Wessex Place
Louisville, KY 40222
(502) 425-3948

Integral Systems
P.O. Box 31626
Dayton, OH 45431
(513) 237-8290

Intellectual Software, Division of Queue, Inc.
338 Commerce Drive
Fairfield, CT 06430
(800) 232-2224
(203) 335-0906
FAX (203) 336-2481

InterACTIVE Digital Devices,
2238 Nantuckett Court
Marietta, GA 30066
(404) 516-0248

Interactive MicroSystems, Inc.
9 Red Roof Lane
Salem, NH 03079
(603) 898-3545
FAX (603) 898-3606

Interactive Video Systems
14804 Beach Blvd.
LaMirada, CA 90638
(714) 228-2040
(714) 537-2751
FAX (714) 228-0348

Intergalactic Development
1427 Washington St.
Davenport, IA 52804
(319) 323-5293
(319) 323-0407

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International Technologies
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National City, CA 91950
(619) 477-2024

Interplay Productions
3710 Susan #100
Santa Ana, CA 92714
(714) 553-6655
(714) 252-2822 BBS
FAX (714) 252-2820

Interworks
43191 Camino Casillas
Suite B2469
Temecula, CA 92592-3714
(909) 699-8120

Intracorp, Inc.
7200 NW 19th St., Ste 500
Miami, FL 33126
(800) 468-7226
(305) 591-5900
FAX (305) 591-1561

Iomega Corporation
1821 West 4000 South
Roy, UT 84067
(801) 778-1000
FAX (801) 778-3450

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1335 N. Northlake Way
Seatle, WA 98103
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FAX (206) 547-8802

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Jaeger Software
7800 White Cliff Terrace
Rockville, MD 20855
(301) 948-6862

JEK Graphics
12103 S Brookhurst, Ste. E-125
Garden Grove, CA 92642-3065
(714) 530-7603

Jeriko
5 Bld. Poissoniere
75002 Paris, France

JJc
P.O. Box 19, High Wycombe
Bucks, HP11 1UF, England
011-44-494-883-347

JMH Software
7200 Hemlock Lane
Maple Grove, MN 55369
(612) 424-5464

JMJ Enterprises
22855 Lake Forest Drive
Ste. E202
Lake Forest, CA 92630
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FAX (714) 581-2230

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Australia

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(616) 385-4285

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(310) 578-9177

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Golden, CO 80402-1034
(303) 490-2939
(303) 277-1241

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177 Mill Lane
Mountainside, NJ 07092
(800) 524-0610
(908) 654-3600
FAX (908) 654-9273

KeyBang Software
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Silver Spring, MD 20904
(800) KEYBANG
(301) 681-7965

KFS Software, Inc.
P. O. Box 897
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(916) 824-2944

Kinetic Designs
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Orange Park, FL 32067-1646

KludgeCode Software
P.O. Box 1163
Holland, MI 49422-1163
(616) 786-0740
(616) 786-0746 BBS

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1350 Bayshore Highway
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(415) 348-0200
FAX (415) 348-8967

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Buffalo Grove, IL 60089-4510
(708) 215-5111 support
(708) 215-5100 offices
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Phoenix, AZ 85040
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Brownsville, CA 95919
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Schiller Park, IL 60176
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FAX (011) 64-6-876-8888

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(714) 996-2861

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Dallas, TX 75374
(214) 530-5337
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FAX (509) 325-6989

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(310) 657-9226

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Santa Monica, CA 90405
(310) 315-1750

MacroSystem Computer
Friedrich-Ebert Str. 85
5810 Witten,
Germany
011-492-3028-9177
011-492-3028-0391
FAX 011-492-3028-0884

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Alpine, UT 84004
(801) 756-6027

Madrigal Designs
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Station A
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Champaign, IL 61825-2406

Mahoney Software Products
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Newport News, VA 23601-1068
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(800)484-1142 ac4729

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Taylor, PA 18517
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Suite 258, 3208-C E. Colonial
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(407) 647-7242

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Orinda, CA 94563-3041
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FAX (617) 237-9525

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FAX (214) 385-8205

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Austin, TX 78751
(512) 452-2441

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Dallas, TX 75244
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FAX (214) 702-9168

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FAX (206) 869-0155

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Loup City, NE 68853
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FAX (308) 745-1246

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San Diego, CA 92105
FAX (619) 282-6215

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Richardson, TX 75081
(214) 437-5330
FAX (214) 437-9714

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(717) 562-0650

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Exton, PA 19341
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Newark, DE 19702
(302) 368-9990
FAX (302) 368-8600

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Champaign, IL 61821
(217) 356-1962

Micropolis Corporation
21211 Nordhoff Street
Chatsworth, CA 91311
(818) 709-3407

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180 Lakefront Drive
Hunt Valley, MD 21030
(410) 771-0440
(800) 876-1151 sales
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MicroSearch, Inc.
9000 US-59 South, Ste 330
Houston, TX 77074
(713) 988-2819

MicroTouch Systems, Inc.
55 Jonspin Road
Wilmington, MA 01887
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FAX (508) 694-9980

MicroWay
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Kingston, MA 02364
(508) 746-7341
FAX (508) 746-4678

Migraph, Inc.
32700 Pacific Highway South,
Ste. 14
Federal Way, WA 98003
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(800) 223-3729
FAX (206) 838-4702

Mike Hurt Software!
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Louisville, KY 40258
(502) 937-3688

Mindcraft
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Torrance, CA 90501
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MindScape
A Software Toolworks Co.
60 Leveroni Court
Novato, CA 94949
(415) 883-3000

Mirror Image Productions
30 Aurora Court Ste. 1209
Scarborough Ontario,
Canada M1W 2M3
(416) 495-7469
FAX (416) 492-4030

Moonlight Development
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(516) 234-6046 BBS

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Middletown St. Mall
Louisville, KY 40243
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(800) 274-8446
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348 Indian Ave.
Portsmouth, RI 02871
(401) 846-7639

Mullen Graphics
518 Roycroft Avenue
Long Beach, CA 90814
(310) 434-0115

Multimedia Corporation
109X Regents Park Road
London, England NW1 8UR
(011) 4471-722-7595
FAX (011) 4471-722-7027

MVP Software
PO Box 458
Aliquippa, PA 15001
(412) 378-0411
FAX (412) 775-3000

Myriad Visual Adventures
1219 N.W. 79th Street
Oklahoma City, OK 73114
(405) 842-0818

N.E.S. Corp.
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Portland, OR 97221
(503) 246-9311

National Diagnostic Imaging
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Vienna, WV 26105
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FAX (304) 428-6214

Natural Graphics
4603 Slate Ct.
Rocklin, CA 95677
(916) 624-1436
FAX (916) 624-1406

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Monroe, MI 48161
313-457-4219

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Wood Dale, IL 60191
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Sacramento, CA 95841
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FAX (916) 972-9960

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Hot Springs National Park, AR
71902
(501) 321-1198

Network Technologies Incorporated
275 Danner Drive
Aurora, OH 44202
(216) 562-7070
(800) 742-8324
FAX (216) 562-1999

Neuralink
P.O. Box 16311
Lubbock, TX 79490
(800) 657-8822
(806) 793-0423

New Horizons Software, Inc.
P.O. Box 164260
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(313) 355-3643

New World Computing Inc.
Distributed by Electronic Arts
20301 Ventura Blvd., Ste. 200
Woodland Hills, CA 91364
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Nine Tiles
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England CB5 9HW
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Box Hill, Vic 3128, Australia
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3208 West Lake St. Suite #65
Minneapolis, MN 55416
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FAX (612) 922-4426

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FAX (416) 859-5206

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Downer's Grove, IL 60515-5702
(708) 971-2337
FAX (708) 971-2706

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FAX (707) 829-0104

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San Jose, CA 95131
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FAX (408) 954-0243

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Mountain View, CA 94043
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FAX (415) 390-9755

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21818 Lassen Street Unit H
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FAX (818) 700-0313

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FAX (203) 678-7679

On-Line Entertainment
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Leyton, London
E10 6AP England
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FAX (011) 4481-558-3914

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Milwaukee, WI 53217
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Optical Coating Laboratory
2789 Northpoint Parkway
Santa Rosa, CA 95407-7397
(800) 545-OCLI (6254)

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17526 Von Karman
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Lutterworth, Leicestershire
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(415) 457-8448
FAX (415) 457-8448

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Secaucus, NJ 07094

Pangolin Laser Software
933 N. Kenmore St. Ste. 317-A
Arlington, VA 22201
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FAX (703) 527-1439

Parth Galen
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Cold Spring, MN 56320
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(508) 676-9308 BBS
FAX (508) 676-9308

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Duluth, GA 30136-6037
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FAX (404) 449-6687

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Bloomington, MN 55420
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FAX (612) 881-4835

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Wavetools
Wavetools is a 16-bit audio record/edit/playback system for A2000/3000/4000. Audio is recorded directly to the hard disk in 16 bit words for professional CD quality sound. Wavetools includes a wide range of editing tools, supports a wide range of sample rates including 44.1 & 48KHz for CD & DAT compatibility. Wavetools uses the latest in Sigma-Delta conversion technology to give Amigas the crispness & clarity that only 16 bit sound can offer. $350.00
Digital Audio Designs, P.O. Box 5068, Fullerton, CA 92635-0068 (714) 562-5926

Anniversary Series
Anniversary screens depicting the traditional gift. A heart fills the screen with the number of the anniversary by fives from the first (paper) to the sixtieth (diamond). HAM $79.95, IFF24JPEG or HAM8 $99.95.
Electronic Crayon Studio, 3624 N. 64th St. Milwaukee, WI 53216 (414) 444-9981

Animattes: Wedding Series Volume III
The last in the Wedding Series. Eight completely new animations to enhance your wedding video including Just Married stencil, Cupid's Arrow, Gold Frame, 3D Red Heart and more. This volume can be manipulated in paint programs similar to the others. Comes on four unprotected disks. NTSC/PAL. $59.95
Electronic Crayon Studio, 3624 N. 64th St. Milwaukee, WI 53216 (414) 444-9981

Power Crayons
These high resolution brushes are designed to enhance your creativity. They can be used to create background screen or original art work. They can also be used as texture maps in 3-D animation programs. These real-world textures have been altered just enough to create seamless planes when tiled. Classifications include woods, rocks and cloths. NTSC/PAL. 256 AGA or HAM $29.95. 24-bit $59.95.
Electronic Crayon Studio, 3624 N. 64th St. Milwaukee, WI 53216 (414) 444-9981

Benchmark Workbench 3 Modula-2 Interface
Benchmark Modula-2 interface to Workbench 3. It maintains compatibility with existing Benchmark programs while offering access to all WB 3 functions and data structures, including AGA, ASL, ARexx, BOOPSI, Commodities, GapTools, IEEE Math and IFF Parse. A new manual and example programs are included. Requires 68000/2 Meg/WB 3.0 or higher. $125.00
Armadillo Computing, 5225 Marymount Dr., Austin, TX 78723 (512) 926-0360

Amiga Game Zone
America's only Amiga game magazine features news, reviews, and tips for the latest European and American releases. Reviews always include a brief overview and a detailed opinion of the game, comprehensive compatibility information and an overall rating. Amiga Game Zone covers all machines, including CD32, AGA, and standard Amigas. Sub. rate is $24 for 6 issues or $4 plus $1 postage for a sample issue.
Amiga Game Zone, 103 w. California, Urbana, IL 61801 Orders: (800) 32-AMIGA. Information: (217) 344-3478

WaveLink
WaveLink is an easy-to-use program that enables you to link two Video Toasters together to work twice as fast. WaveLink includes a special version of ParNet networking software and a cable that links your two Video Toaster systems together so both systems can render at the same time. WaveLink is easy to use, just load a LightWave scene and click on the Render button. WaveLink takes care of the rest. WaveLink controls LightWave on both machines and the rendered images are saved sequentially in one place. WaveLink also lets one system see the other, so file sharing is quick and easy. Compatible with LightWave v2.0 and v3.0. Requires two Toasters v2.0 or v3.0 and Workbench v2.0 or higher. $159.95
Axiom Software, Inc. 1668 East Cliff Rd., Burnsville, MN 55337 (612) 894-0596

3D Objects Collection for Imagine
Create new worlds using Imagine 3D on your Amiga without the hassle of building objects from scratch. A 12-disk collection of public domain and shareware 3-D object files for Imagine 2.0+. Over 120 objects in 22 categories are included. Also includes utilities, tutorials, and hints on how to get more out of Imagine. Categories include Aircraft, Animals, Household, Fantasy, Robots, Spacecraft, Toys, Vehicles, Weapons and many more. $24.95
Kinetic Designs, 1187 Dunbar Ct. Orange Park, FL 32065 (904) 272-0371

Texture Heaven
Texture Heaven is a CD-ROM disk full of 24-bit color IFF textures and images. Included on this disk are 245 woods, 53 marbles, 59 abstract designs, 8 tiles, 18 wilderness scenery, 135 symbols. All images are 768x480 pixels, in full 24-bit color and stored in the IFF format. 8-bit color preview images and thumbnail previews are included for all images. Texture Heaven is mastered to the ISO9660 standard. $89.00 US.
Asimware Innovations 101 Country Club Drive, Hamilton, Ontario, Canada L8K 5W4 (905) 578-4916

AsimCDFS 2.0
AsimCDFS is a total CD-ROM solution. The package consists of the AsimCDFS file system, AsimTunes 2.0-an audio controller and librarian, FishMarket 2.0-a CD-ROM disk containing the Fred Fish collection from disks 150-900, and AsimPhoto-a PhotoCD converter. AsimCDFS 2.0 is currently compatible with over 20 SCSI CD-ROM drives. A compatible SCSI controller card and Workbench 2.0 or greater is required. $79.00 US.
Asimware Innovations 101 Country Club Drive, Hamilton, Ontario, Canada L8K 5W4 (905) 578-4916

CNet PRO 3.0
Bulletin board system software for Amiga computers. Multi-user, supports up to 100 ports. Internal networking tools: FIDO message packer and tosser, UseNet newsgroup reader. Multi-user/multi-system conferencing. High speed file transfers, XPR protocols. ANSI color, ANSI full screen text editor. Fast, space-saving message system with unlimited areas and items. Global file and text search utilities. All system text and menus fully modifiable. Commands may be added or changed. Full system security through passwords, flags, and access groups. Use optional external program modules (doors) in ARexx, AmigaDOS or C. Full support for Caller-ID and CD-ROM. Powerful event scheduler for automatic maintenance. GUI configuration utility for fast setup using custom screens and pull down menus. Requires 1MB of RAM (2MB recommended), and AmigaDOS 2 or higher. Additional RAM may be required for multi-line operation, or to multi-task with other Amiga programs.
Beverly James Products, P.O. Box 40191, Redford, MI, 48240 (313) 537-6168

Crouton Tools 4000
Adds more than 150 new applications to your Video Toaster 4000. Crouton Tools 4000 will speed up your production process by giving you pre-defined ARexx control over all of your most used Toaster-related software and peripherals. Using major products with the Toaster was once complex–now they can be accessed with one simple mouse click. Crouton Tools 4000 greatly enhances your ability to synchronize audio and video using your Toaster. You can even save valuable memory by using its file compression features to load and save JPEG files-from any file format-to your Toaster when using Art Department Professional, ImageFX and ImageMaster RT. Also works with 3.0 software and Toaster 2.0. $149.95
DevWare, 12520 Kirkham Ct. Ste. 1, Poway, CA 92064. (619) 679-2826

Last Minute Additions

CocoonMorph
An easy-to-use, powerful morphing system which can be used for dual-image morphs, single image warps, or sequential morphs. Morphs are easy to set up with fast, accurate rendering. CocoonMorph is full-featured and includes high-end features found in more expensive systems. It has built-in 'virtual memory' to conserve RAM, full control over the transition rate of each pixel using alpha channel images, automatic variable level, transparent-color compositing, the ability to composite with any background being transparent, automatic image scaling, and much more. Loads any IFF image, including AGA formats. Frames can be saved as 24-bit, HAM, HAM-8, or 16-level grayscale. $99.95
DevWare, 12520 Kirkham Ct. Ste. 1, Poway, CA 92064. (619) 679-2826

OctaMED Professional Version 5
The best-selling music sequencing program for the Amiga which allows you to compose professional music. It will handle up to 64 MIDI channels, includes its own powerful sampling software for editing and music instrument creation, has standard music notation display for composing and editing tracker or stave formats, autosave, full print option, and a revolutionary online manual hypertext manual with full cross-referencing and indexing. $69.95
DevWare, 12520 Kirkham Ct. Ste. 1, Poway, CA 92064. (619) 679-2826

The Amiga Music File Converter Professional
AMFC Pro converts your music files from one file format to another. AMFC Pro will read and process SMUS, MED, OctaMED, Sound Tracker file formats. Also Music-X to MIDI. A must-have to use in conjunction with OctaMED 5 Professional. $29.95
DevWare, 12520 Kirkham Ct. Ste. 1, Poway, CA 92064. (619) 679-2826

Mozart's Music Master V2.0
Makes music reading, music theory, and simple-to-complex time signatures easy to learn. Offers full instruction on everything you need to know about time signatures, music note reading (recognition), interval ear training and identification of scales. Also includes Music Tutor, a music terms database with a built-in text processor. $49.95
DevWare, 12520 Kirkham Ct. Ste. 1, Poway, CA 92064. (619) 679-2826

Piano Tutor
A structured, rhythmic system of learning how to play the keyboard for modern music, utilizing left-hand bass patterns with varied chordal progressions. It is MIDI-based and uses your own sequence. $39.95
DevWare, 12520 Kirkham Ct. Ste. 1, Poway, CA 92064. (619) 679-2826

PC Task v2.0
This software-only emulator will allow you to transfer VGA and Super-VGA (AGA Amigas only) graphics, as well as standard MS-DOS files into your Amiga. It turns your Amiga floppy drives into MS-DOS compatible drives and uses your extra Amiga memory as PC memory. It operates at PC-XT speed on a 68000-based Amiga. The faster your computer operates, the faster PC Task runs. $49.95
DevWare, 12520 Kirkham Ct. Ste. 1, Poway, CA 92064. (619) 679-2826

HomeBuilders_CAD 2.0, Deluxe Edition
A powerful CAD program which makes it easy for the user to design, change and estimate nearly any project-from a room addition to a cluster of condos. What the Deluxe Edition offers from the previous standalone 2.0 version is the Contractor's Upgrade module, allowing for up to 1000 items (vs. 450) per layout, and the Library 1 disk of custom-designed furniture and kitchen cabinets, Both the Deluxe Edition and the 2.0 versions now also include the DeckBuilder's CAD Design and Estimating System for Decks. Both versions include capabilities to do a 20-acre drawing area, over 300,000 layers, accuracy to 1/60 inch, and support for buildings over 200 stories high. It has full CAD drawing features, spread-sheet-style cost editor, automatically generates wire frame front, rear and side elevations, over 60 pre-defined doors and windows, the ability to view plumbing and electrical separately and much more. Originally developed by Easeware. With 2 disk drives it requires 2.5 MB. With a hard drive it requires 1.5 MB. $89.95
DevWare, 12520 Kirkham Ct. Ste. 1, Poway, CA 92064. (619) 679-2826

EGS-28/24 SPECTRUM™
The EGS-28/24 SPECTRUM board offers full 24-bit color displays in high resolutions. It takes full advantage of the Zorro-III bus found in the Amiga 4000 and 3000 computers, and will automatically fall back to Zorro-II mode when installed in an Amiga 2000. The EGS-SPECTRUM board is capable of displaying NTSC and PAL video resolutions, as well as workstation resolutions up to 1600x1200. It also features an RGB Pass-Through connector that accepts normal Amiga graphics output and passes it through the EGS-SPECTRUM board, providing a simple single-monitor solution. The Multi-GFX™ capability allows multiple boards to be installed in a single system to create a large virtual display. *Great Valley Products, 600 Clark Ave., King of Prussia, PA 19406, (215) 337-8770.*

16MB SIMM Modules
GVP is now shipping 16MB SIMM modules for its Amiga 2000 and Amiga 1200 accelerator product lines. These high-speed, high-density SIMM modules allow GForce040/33 owners to expand onboard RAM capacity by a factor of 4- to 64MB, and A1230 Turbo+ owners to quadruple RAM to 32MB. *Great Valley Products, 600 Clark Ave., King of Prussia, PA 19406, (215) 337-8770.*

Studio
Studio ($99.95) is *the program* for controlling printers with the Amiga line of computers. Studio is accurate to a full 24 bits. The printer drivers supplied with Studio are 100% Amiga compatible and will work with any program that uses normal Amiga printer drivers. Includes a Studio printing program that enables you to print pictures directly from disk, so massive graphics files can be printed even using a standard 512K Amiga. Supports all HP Laserjet printers and compatibles, HP Deskjet and Paintjet Printers and compatibles, and comprehensive support for most 24/48-pin dot matrix printers. Prints up to 16.7 million colors or 256 shades of gray. *MacroSystemUS, 17019 Smugglers Cove, Mt. Clemens, MI 48038, (313) 263-0095.*

Sparks
Sparks ($149.95) is the Standard Particle and Real World Kinematic Animation System. The first Particle Animation system for LightWave 3D. Now animators can include high-end procedural animation effects to their work. Particles can bounce with real-world behavior with gravity simulation. Multiple point gravity wells allow bending and directing the stream, flock, or swarm of particles. Complete with Wind, Gusting, Flaking, and Swirling controls adjustable per axis. User-definable path allow particles to fall off a moving target, allowing for sparklers, fuses, wands, multi-hit explosions, etc. *MacroSystemUS, 17019 Smugglers Cove, Mt. Clemens, MI 48038, (313) 263-0095.*

Retina
The Retina is a high-speed display adaptor for the Amiga using custom Retargetable Graphics Libraries. The Retina can display Workbench and Amiga Productivity software on their own custom screen at resolutions up to 1280x1024 non-interlaced and 2400x1200 interlaced. The Retina is also a full 24-bit Graphics display with resolutions up to 800x600 non-interlaced and 1152x862 interlaced. It can also emulate AGA in an A2000 or A3000 Amiga. The Retina comes packaged with XIPaint, MakeRace, MPeg player software, and RView as well as modules for ADPro, ImageFX, ImageMaster, and Real 3D. *MacroSystemUS, 17019 Smugglers Cove, Mt. Clemens, MI 48038, (313) 263-0095.*

MultiLayer-ImageFX
MultiLayer for ($199.95) ImageFX is a compositing/layering interface for video professionals and artist using ImageFX as a compositing engine.

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MultiLayer improves upon ImageFX's already impressive array of compositing functions by providing an extremely powerful interface for layering, compositing, and editing anything from simple images to complex sequences of moving images. Controls up to 100 layers. *MacroSystemUS, 17019 Smugglers Cove, Mt. Clemens, MI 48038, (313) 263-0095.*

MultiLayer-ADPro
MultiLayer ($199.95)for ADPro is a compositing/layering interface for video professional and artist using ASDG's ADPro program as a compositing engine. MultiLayer improves upon ADPro's already impressive array of compositing functions by providing an extremely powerful interface for layering, compositing, and editing anything from simple images to complex sequences of moving images. Controls up to 100 layers. *MacroSystemUS, 17019 Smugglers Cove, Mt. Clemens, MI 48038, (313) 263-0095.*

TVPaint 2.0 Professional
TVPaint 2.0 Professional ($449.95) features include a 256-level Alpha Channel, automatic antialiasing on all drawing tools, full support for the new pressure sensitive tablets, convolutions processing for effects, and more. Using modeless window technology, the majority of control panels can be left open so that you can better manipulate your work without having a tool menu that always takes the bottom of your screen. Supports the Retina, Vivid24, Rembrandt, Rainbow, Harlequin, Iv-24, VisionA, Picasso, and EGS cards. *MacroSystemUS, 17019 Smugglers Cove, Mt. Clemens, MI 48038, (313) 263-0095.*

VLab X/Y
The VLab X/Y ($599.95) is a real-time digitizer that can digitize 30fps video to Hard Disk using Interleaved Frame Recording from a video tape player of laser disk player. The VLab does not require a time base corrector or SMPTE time code. Real-time digitizing can be done using most consumer grade video equipment and up. The VLab digitizes full NTSC or PAL video from the output device connected. The VLab can grab single frames in 1/30 of a second and single fields in 1/60 of a second. The Y/C version has two composite inputs and one S-Video input for use with S-VHS and HI-8mm decks. The Y/C input keeps the Chrominance and Luminance separate for better color definition. *MacroSystemUS, 17019 Smugglers Cove, Mt. Clemens, MI 48038, (313) 263-0095.*

VLab 1200
The VLab 1200 ($549.95) is a real-time video digitizer that can digitize single frames in 1/30 of a second and single fields in 1/60 of a second from running source—the image doesn't have to be paused. The VLab does not require a time base corrector of SMPTE time code. Real-time digitizing can be done using most consumer grade video equipment and up. The VLab digitizes full NTSC or PAL video from the output device connected. The VLab 1200 version has two composite inputs for use with all types of VCRs and Laser disk players and devices with a composite video output. *MacroSystemUS, 17019 Smugglers Cove, Mt. Clemens, MI 48038, (313) 263-0095.*

Toccatta
The Toccatta is a full 16-bit audio digitizer with three stereo inputs, one mic input, and one stereo output. The Toccatta can digitize at up to 48KHz in 16-bit and 8-bit direct to hard disk. Special features are an onboard mixer and ADPCM compression. The ADPCM compression allows digitizing at 32KHz directly on to a floppy disk and playback from floppy. One channel can be used to read SMPTE Time Code. Playback from hard disk can be up to 16 channels in 16-bit. The Toccatta can also be used with the VLab IFR to digitize the audio for a video sequence. *MacroSystemUS, 17019 Smugglers Cove, Mt. Clemens, MI 48038, (313) 263-0095.*

DBForm 2.0
DBForm 2.0 ($29.95) is a complete form design and invoicing system for business or home use. It features powerful layout tools that are integrated with the built-in database capabilities, yielding a completely configurable form creation/invoicing/database management solution. *DevWare ToolChest, 12520 Kirkham Court, Suite 1, Poway, CA 92064, (619) 679-2826.*

Home Manager Professional
A personal information manager appropriate for both home and professional users. Home Manager Professional ($29.95) contains the following organizing and scheduling modules: Address Book, Appointment Calendar, Area Codes, Contacts Database, Inventory, NotePad, To Dos, Wallet, and Config. All areas have an online Alarm Clock function, online help, window, extensive search capabilities, palette control function, full print features, uniform display of date and time, and much more. *DevWare ToolChest, 12520 Kirkham Court, Suite 1, Poway, CA 92064, (619) 679-2826.*

MegaTest v2.0
A hypertext-like Test and Tutorial Authoring System for the Amiga. MegaTest 2.0 ($39.95) is extremely versatile and can create test designs that integrate sounds, pictures, and text into any question. Multiple choice tests can be quickly created with up to five possible answers. MegaTest's major features are pictures, IFF sounds, and separate text files that can be keyed to any question. It has a test and tutorial mode, will keep score of the number of questions both missed and correct, and it has an easy-to-use test maker. *DevWare ToolChest, 12520 Kirkham Court, Suite 1, Poway, CA 92064, (619) 679-2826.*

Audio Production Using the Video Toaster
The only instructional video which comprehensively covers integrating audio and music with the Toaster. You will learn how to combine the powers of 8-track digital recording and up to 48 channels of CD-quality music production in one system. Digital recording, editing, mixing, and SMPTE time code synchronization are all discussed and shown in actual use. Covers the use of SunRise's Studio 16 with AD1012 and AD516, SuperJam!, Bars&Pipes Pro 2.+, Triple Play Plus, Sync Pro, MIDI devices, and more. List Price of $39.95. *Produced by Atomic Toaster. Distributed by DevWare ToolChest, 12520 Kirkham Court, Suite 1, Poway, CA 92064, (619) 679-2826.*

The Amiga Video Volume II
This second "appetizer" video will give you tips on graphics and video effects using ImageFX and DPaint IV. Multimedia scripts construction with Hyperbook, font manipulation with TypeSmith, a guide to AMOS, and more video tips. List Price $19.95. *DevWare ToolChest, 12520 Kirkham Court, Suite 1, Poway, CA 92064, (619) 679-2826.*

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